

NAWCTSD TSIS updates

2 Dec 2020

All changes from TSIS are annotated in **Red font**

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NAWCTSD



CAPT Robert Gallagher

Ready Relevant Learning Training System Program Manager





Ready Relevant Learning TSPM

**Training System Program
Manager (TSPM)
CAPT Rob Gallagher**

**TSPM Principal Deputy
Ms. Mary Driskel**

**TSPM
Staff**

**RRL Integrated
Product Teams**

**Knowledge
Capture**

**Requirements
Development**

**Gap Analysis/
Military
Characteristics**

**Content
Conversion**

**OS
Accelerated
Delivery**



NAWCTSD RRL Lines of Effort



Sailor 2025 RRL - FY21 Content Conversion

Description/Summary of Program Requirements

This acquisition is for the conversion of the content and media for the current delivery state of the Aviation Machinists Mate (AD), Aviation Structural Mechanic's Hydraulics (AM), Electronics Technician - Submarines (ETV), Fire Control Technician (FT), Information Systems Technician (IT) Master at Arms (MA), and Mineman (MN) ratings, as well as, Train-The-Trainer (TTT) and Pilot training activities through a Single-Award, Indefinite Delivery / Indefinite Quantity (IDIQ) Contract.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Full and Open Competitive Single-Award, IDIQ	24 month ordering period for CC CLINS	May 20  RFP Release	Mar 21  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Robert Gallagher Organization: RRL TSPM Phone: 407-380-8311 Email: robert.m.gallagher@navy.mil	\$105M	N/A	



Sailor 2025 - CTM Content Conversion

Description/Summary of Program Requirements

This acquisition is for the conversion of the content and media for the current delivery state of the Cryptologic Technician Maintenance (CTM) rating. The Government will also include Train-The-Trainer (TTT) and Pilot training activities.

NEW



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source 8(a) Tribally-Owned Corporation (TBD) Sole Source	2 Years	<div>Dec 20</div> <div>Jul 21</div> <div>RFP Release</div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: CAPT Robert Gallagher Organization: RRL TSPM Phone: 407-380-8311 Email: robert.m.gallagher@navy.mil	\$8M	TBD



Sailor 2025 RRL - FY22 Content Conversion

Description/Summary of Program Requirements

This acquisition is for the conversion of the content and media for the current delivery state of the Fire Controlman Aegis (FCA), Gunners Mate (GM), Fire Controlman (FC), Interior Communications Electrician (IC), Torpedoman's Mate (TM), Machinist's Mate (MMA), and Construction Mechanic (CM) ratings. The Government will also include Train-The-Trainer (TTT) and Pilot training activities through a Single-Award, Indefinite Delivery / Indefinite Quantity (IDIQ) Contract.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Full and Open Competitive Single-Award, IDIQ	24 month ordering period for CC CLINS	Q3 FY21  RFP Release	Q2 FY22  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Robert Gallagher Organization: RRL TSPM Phone: 407-380-8311 Email: robert.m.gallagher@navy.mil	\$166M	N/A	





Sailor 2025 RRL - FY23 Content Conversion

Description/Summary of Program Requirements

This acquisition is for the conversion of the content and media for the current delivery state of the Aviation Ordnanceman (AO), Aviation Support Equipment Technician (AS), Mass Communication Specialist (MC) and additional ratings. The Government will also include Train-The-Trainer (TTT) and Pilot training activities through a Single-Award, Indefinite Delivery / Indefinite Quantity (IDIQ) Contract.

NEW

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Full and Open Competitive Single-Award, IDIQ	24 month ordering period for CC CLINS	Q2 FY22  RFP Release	Q2 FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Robert Gallagher Organization: RRL TSPM Phone: 407-380-8311 Email: robert.m.gallagher@navy.mil	\$200M	N/A	



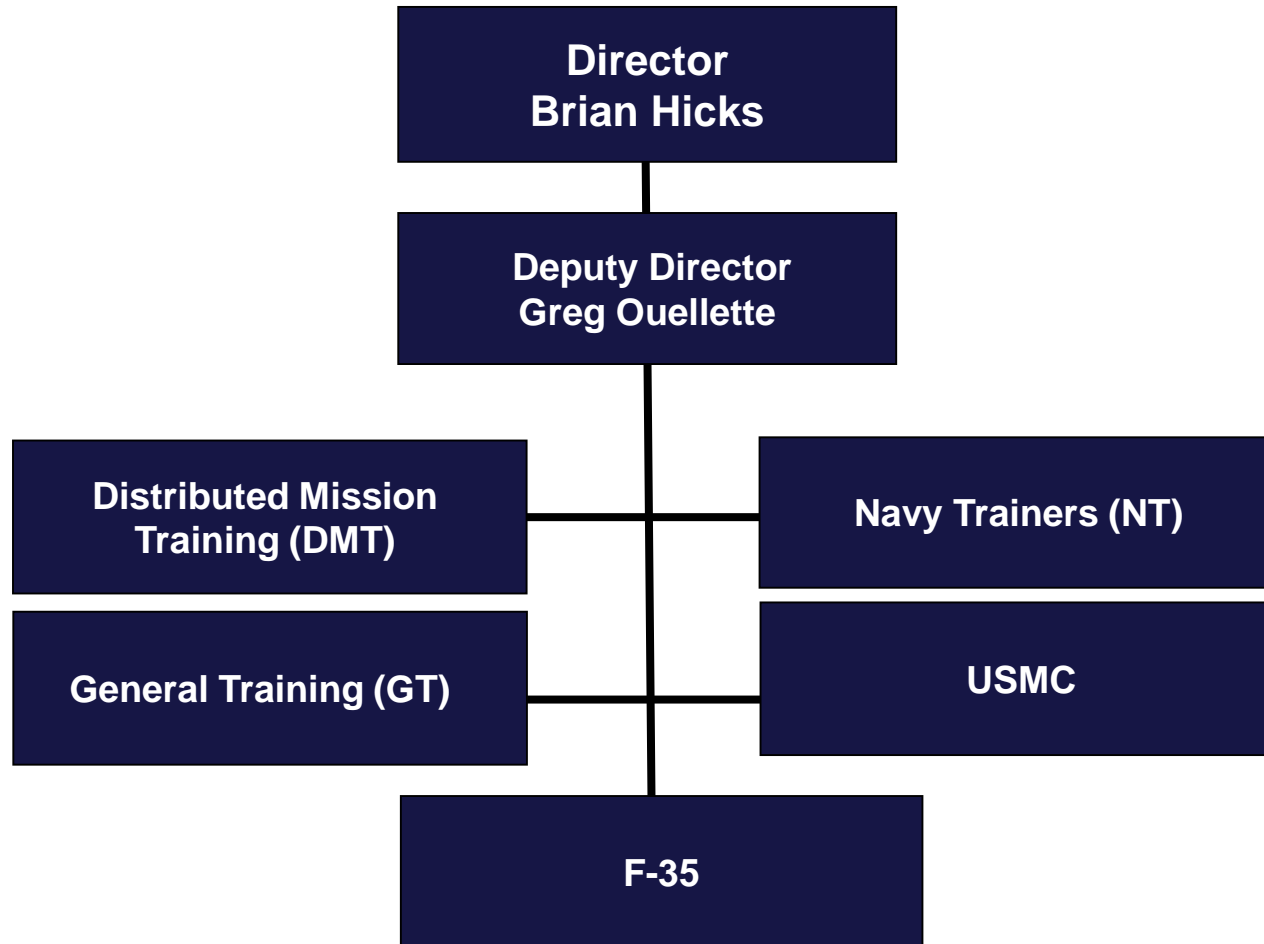
Brian Hicks

Director, Aviation Programs





Aviation Programs Organization





Navy Training Systems







Aviation Courseware Development

Description/Summary of Program Requirements

Numerous aviation platforms in-production and in sustainment require revision, update and/or new development of Organizational and Intermediate maintenance (CNATTU) and operator (Pilot-AW FRS/Weapon School) courseware training materials. Includes FLASH Courseware conversion and **Front End Analysis**.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Competitive - Full and Open – Small Business Set Aside LPTA	5 Years	<div>Jan 2021</div> <div>Sep 2021</div> <div> RFP Release</div> <div> Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$60M	Carley



MH-60R/S Concurrency and Technology Refresh

Description/Summary of Program Requirements

Simulator and Electronic Classroom computer resource update to the MH-60R/S maintenance training systems (CMT, AMT, WLT, AFCS, SAR Hoist PTT) and operational flight trainers (OFT, WTT, AVET/NATS). Incorporate trainer unique Engineering Changes Orders and deficiency corrections. Improve cyber security posture of MH-60R/S training systems. Implement latest Coordinated Distributed Mission Package and Distributed Mission Training requirements. **Integrate AVET/NATS devices with OFTs. Provide model fidelity enhancements for existing and future capabilities. Procure MH-60R TOFT for forward-deployed forces.**



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Competitive – Full and Open	6 Years	4 th Qtr FY22  RFP Release	2 nd Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Lisa Sullivan Organization: PMA-205 Phone: (301) 757-6944 Email: Lisa.Sullivan@navy.mil	\$60M	CAE/JF Taylor/BSC	



P-8A Training Systems AAS Part Task Trainer

Description/Summary of Program Requirements

Procurement of the P8-A Special Mission Pod Deployment Mechanism (SMPDM) Hardware Training System to support training of the installation and removal of the Advanced Airborne System (AAS) system.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Competitive – TSC IV	2 Years	Feb 2019  RFP Released	Dec 2020  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$3M	None	



P-8A Training Systems Block 3 Maintenance Retrofits

Description/Summary of Program Requirements

Simulator update to devices (VMTS, Type II HW) and incorporate Increment 3 Block 2 aircraft Engineering Changes Orders.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	2 Years	Sep 2019  RFP Released	Mar 2021  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$8M	Boeing	



P-8A Training Systems AAS VR Maintenance Trainer

Description/Summary of Program Requirements

Procurement of a virtual reality (VR) trainer for the P8-A Special Mission Pod Deployment Mechanism (SMPDM) Training System to support operation of and training for the installation and removal of the Advanced Airborne System (AAS) system. The VR system will include intelligent tutoring, performance metrics capture, and a multi-media imbedded instructional capability that will be used to replace the function of classroom instructional materials.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	2 Years	Sep 2019  RFP Released	Mar 2021  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$25M	Boeing	



P-8A Production Concurrency Upgrade (PCU) 18

Description/Summary of Program Requirements

Aircrew Deployable Mission Rehearsal Trainer (DMRT) GFI Integration for eight DMRTs for USN and Throttle Quadrant spares for USN and RAAF. History – Unsolicited Scope added to proposal by contractor (\$13M), which drove delay in schedule. Significant scope reduction made in order to execute schedule

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	18 Months	July 2019  RFP Released	Dec 2020  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$5M	Boeing	



P-8A Production Concurrency Upgrade (PCU) Rev 2

Description/Summary of Program Requirements

Simulator update to devices (OFT, WTT, PTT, TSSC), electronic classrooms and courseware to increase fidelity, maintain hardware/software concurrency, and incorporate Aircraft Engineering Changes Orders and deficiency corrections.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	24 Months	May 2020  RFP Released	May 2021  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$30M	Boeing	



P-8A Training Systems Increment 3 Aircrew Retrofits

Description/Summary of Program Requirements

Simulator concurrency updates to devices (OFT, WTT, PTT, TSSC) and incorporation of Increment 3 Block 2 aircraft Engineering Changes Orders. Updates include: **a new computing and security Applications Based Architecture (ABA), a Higher-Than-Secret (HTS) architecture, an improved Track Management Subsystem (TMS) called Minotaur, Acoustics, Multi-Static Active Coherent Enhancements (MAC-E), Wideband Beyond Line of Sight Satellite Communication (WB SATCOM) and Anti-Submarine Warfare Signals Intelligence (ASW SIGINT) changes.** Capabilities will be delivered as hardware and software retrofits for the USN and RAAF Aircrew Training Devices (ATD) to meet P-8A Inc3Blk 2 Fleet Release (FR) 300 and FR310 training requirements.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	4 Years	Jun 2020  RFP Released	3 rd Qtr FY21  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$120M	Boeing	



P-8A Jacksonville Tech Refresh

Description/Summary of Program Requirements

Hardware obsolescence technology refresh to all devices (OFT, WTT, PTT, TSSC, Maintenance Trainers).



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	5 Years	4 rd Qtr FY21  RFP Release	1 st Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Lisa Sullivan Organization: PMA-205 Phone: (301) 757-6944 Email: Lisa.Sullivan@navy.mil	\$100M	Boeing	



P-8A Whidbey Island Tech Refresh

Description/Summary of Program Requirements

Hardware obsolescence technology refresh to all devices (OFT, WTT, PTT, TSSC).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	5 Years	3 rd Qtr FY24  RFP Release	3 rd Qtr FY25  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Lisa Sullivan Organization: PMA-205 Phone: (301) 757-6944 Email: Lisa.Sullivan@navy.mil	\$100M	Boeing	





MH-60R Mission Rehearsal Trainer (MRT) for Integrated Training Facility (ITF)

Description/Summary of Program Requirements

The Naval Air Warfare Center Training Systems Division (NAWCTSD) is conducting market research in support of a Mission Rehearsal Trainer (MRT) for the MH-60 aircraft, to be located at the Integrated Training Facility (ITF) in Fallon, NV. The MH-60 Training Systems (TS) Program encompasses a full spectrum of training systems used to develop the knowledge, skills, and abilities of sailors to operate and maintain the MH-60R and MH-60S helicopter.

NEW

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TSC IV - Competitive	2yrs	4 th Qtr FY23  RFP Release	4 th Qtr FY24  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Lisa Sullivan Organization: PMA-205 Phone: (301) 757-6944 Email: Lisa.Sullivan@navy.mil	\$5M	N/A	



F/A-18C/D TOFT NGTS Integration Update

Description/Summary of Program Requirements

Upgrade the F/A-18C/D TOFT with Next Generation Threat System 3.2 (NGTS) Note; New delivery order under F/A-18 ID/IQ. Sole Source.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	24 Months	May 2020  RFP Released	Aug 2020  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$3.2M	L3	



F/A-18C/D TOFT/SimuStrike Update

Description/Summary of Program Requirements

Upgrade the F/A-18C/D TOFT with Next Generation Threat System 3.2 (NGTS) Note; New delivery order under F/A-18 ID/IQ.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	24 Months	May 2020  RFP Released	Aug 2020  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$20.74M	L3	



F/A-18C/D USMC Image Generator Technology Refresh

Description/Summary of Program Requirements

F/A-18 C/D Tactical Operational Flight Trainer upgrade to a more powerful Image Generator.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	TBD	Jun 2020  RFP Release	Jun 2020  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$6.5M	L3	



F/A-18C/D Simulated Aircraft Maintenance Trainer (SAMT) Upgrade

Description/Summary of Program Requirements

Upgrade the F/A-18C/D Simulated Avionics Maintenance Trainer (SAMT) to SCS/F-31C and corresponding maintenance courseware.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TSC IV - Competitive	3 Years	3 rd Qtr FY21  RFP Release	1 st Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWC SD Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$12M	American Systems Corporation (ASC) Is OEM, JF Tailor did last upgrade to 23X. Courseware upgrades by DP Associates.	



F/A-18E/F & EA-18G H18 Configuration Set/Operational Flight Program (SCS/OFP)

Description/Summary of Program Requirements

The H18 Software Configuration Set/Operational Flight Program (SCS/OFP) program will update the F/A-18E/F & EA-18G TOFT software to be concurrent with the fielded aircraft.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	3 Years	<div>1st Qtr FY21</div> <div> RFP Release</div> <div>4th Qtr FY21</div> <div> Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Brian Hicks Organization: NAWCTSD Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$24M	Boeing



F/A-18E/F/G Maintenance Training System Tech Refresh

Description/Summary of Program Requirements

Hardware obsolescence technology refresh to F-18E/F Maintenance Trainer System devices



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	3 Years	3 rd Qtr FY21  RFP Release	1 st Qtr FY22  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Lisa Sullivan Organization: PMA-205 Phone: (301) 757-6944 Email: Lisa.M.Sullivan1@navy.mil	\$12M	Boeing	



F/A-18E/F/G Technology Refresh

Description/Summary of Program Requirements

Hardware obsolescence technology refresh to all devices (TOFT, LCT and Maintenance Trainers).



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	3 Years	1 st Qtr FY22  RFP Release	1 st Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Lisa Sullivan Organization: PMA-205 Phone: (301) 757-6944 Email: Lisa.Sullivan@navy.mil	\$25M	Boeing/L3	



F/A-18E/F & EA-18G H20 Configuration Set/Operational Flight Program (SCS/OFP)

Description/Summary of Program Requirements

The H18 Software Configuration Set/Operational Flight Program (SCS/OFP) program will update the F/A-18E/F & EA-18G TOFT software to be concurrent with the fielded aircraft.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	3 Years	2 nd Qtr FY23  RFP Release	4 th Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$24M	Boeing	



F/A-18E/F Tactical Operator Flight Trainer (TOFT) Block III Upgrade

Description/Summary of Program Requirements

Upgrade the F/A-18E/F TOFTs to the Block III Configuration



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	TBD	<div><div>Apr 2021</div><div></div><div>RFP Released</div></div> <div><div>2nd Qtr FY21</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Brian Hicks Organization: NAWCTSD Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$36M	Boeing/L3



EA-18G Tactical Operational Flight Trainer (TOFT) Block II Upgrade

Description/Summary of Program Requirements

Upgrade the EA-18G TOFTs to the Block II Configuration

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	TBD	<div>TBD</div> <div></div> <div>RFP Released</div> <div>TBD</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Brian Hicks Organization: NAWCTSD Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	TBD	Boeing





E-2D Distributed Readiness Trainers (D-DRT)

Description/Summary of Program Requirements

DSSC-3 Contract: produce 4X DDRT devices to the DSSC-3 configuration and deliver 1 to Norfolk, 1 Pt Mugu and retrofit of #'s 1-2 CA FY20

Fielding plan: *DSSC-2 Contract (awarded)*: (2) devices to Iwakuni FY20 (1) device to NS Norfolk FY21 and (1) device to NBVC Pt. Mugu FY22; retro-fit devices 1-2 FY22. *Future HITS-IV Contract*: Retro-fit DSSC-4 on devices 1-5.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	3 Years	<div>Aug 2019  RFP Release</div> <div>Nov 2020  Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$24.4M Base Award \$14M ECP-1 \$4M ECP-2	Collins Aerospace



E-2D Aircrew Trainer Tech Refresh

Description/Summary of Program Requirements

Update and modify software/hardware of five Norfolk E-2D aircrew trainer devices to include new projectors, operating systems to WINDOWS 10/Linux 7. Update the OS of the Norfolk classrooms to WINDOWS 10/Linux 7. Tech Refresh to be supporting HITS-III trainer upgrades for AR, DSSC #3 and other systems and applications. Joint effort by PMA-231 and PMA-205 and part of ECP #10 to HITS-III.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	4 Years	Sep 2019  RFP Release	Mar 2020  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Lisa Sullivan Organization: PMA-205 Phone: (301) 757-6944 Email: Lisa.M.Sullivan1@navy.mil	\$31M	Collins Aerospace	



E-2D Hawkeye Integrated Training System IV

Description/Summary of Program Requirements

Develop and Integrate E-2D DSSC-4 capability in the HITS (WST's, DDRT's, SMT's, PPC and Instructional Systems) for Norfolk, Pt Mugu and Iwakuni. Build and integrate into new LP-49 Annex building (FY24) WST #6. Develop and provide technical evaluation for application of DSSC-5 for future Contract actions. Develop DSSC 5 capability in appropriate System Integrated Lab environment for all applicable HITS Devices. Transition program post DSSC #4 to 'Program Level' development and integration environment.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	5 Years	<div>Nov 2020</div> <div></div> <div>RFP Release</div> <div>June 2020</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$390M	Collins Aerospace



CNATRA T-45C VMTS Aircraft & Simulator Alignment

Description/Summary of Program Requirements

Significant differences exist between T-45C Virtual Mission Training System (VMTS) aircraft & Operational Flight Trainer (OFT) device # 2F205A, with training disparity inhibiting Student Naval Flight Officers (SNFOs) from developing skill patterns required to meet Course Training Standards. Deliver **corrected simulated radar displays, linked OFTs, debrief stations, and** Part Task Trainers (PTTs) to meet syllabus radar task learning objectives. PTT accurately replicates capability and operations of the simulated radar currently utilized in 2F205A OFT. Provide aircraft concurrency updates to six T-45C VMTS OFTs and radar PTT located at Naval Air Station Pensacola FL.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	4 Years	<div>Nov 2020</div> <div> RFP Release</div> <div>Jun 2020</div> <div> Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: CAPT Lisa Sullivan Organization: PMA-205 Phone: (301) 757-6944 Email: Lisa.M.Sullivan1@navy.mil	\$45M	Boeing





CNATRA Advanced Helicopter Training System (AHTS) Part Task Trainers (PTT)

Description/Summary of Program Requirements

Acquire Cockpit Procedural and Part Task Training devices to train undergraduate Rotary Wing Pilots at NAS Whiting Field FL:

- Cockpit Procedural Training
- Avionics and Flight Management System Familiarization
- Pilot Flight Task Familiarization



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TBD	2 years	Sep 2020  RFP Release	2 nd Qtr FY21  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	TBD	N/A	



CNATRA Multi Crew Simulator (MCS) Block 2 Modernization

Description/Summary of Program Requirements

Modifying and upgrading the software, hardware, and associated components for Naval Flight Officer (NFO) Multi Crew Simulator (MCS). Replace obsolete components in two (2) devices located at Naval Air Station Pensacola FL. **Capability improvements include improved Radio and Internal Communication System (ICS) select-ability options to facilitate Multi-Crew operations.** Redesign and replace obsolete components. Migrate from WIN7 to WIN10 Operating System (OS).



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TSC IV	3 Years	3 rd Qtr FY21  RFP Release	2 nd Qtr FY22  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Lisa Sullivan Organization: PMA-205 Phone: (301) 757-6944 Email: Lisa.M.Sullivan1@navy.mil	\$7.5M	CAE	



F-16 Technology Refresh

Description/Summary of Program Requirements

Modifying and upgrading the software, hardware, and associated components for F-16 Operational Flight Trainer (OFT) device. Redesign and replace obsolete and noncompliant computation machines and components, and correct performance deficiencies.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TSC IV	2 Years	4 th Qtr FY22  RFP Release	2 nd Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Lisa Sullivan Organization: PMA-205 Phone: (301) 757-6944 Email: Lisa.M.Sullivan1@navy.mil	\$7M	N/A	



F-5 Technology Refresh

Description/Summary of Program Requirements

Modifying and upgrading the software, hardware, and associated components for F-5 Operational Flight Trainer (OFT) device. Redesign and replace obsolete and noncompliant computation machines and components, and correct performance deficiencies.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TSC IV	2 Years	4 th Qtr FY24  RFP Release	2 nd Qtr FY25  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Lisa Sullivan Organization: PMA-205 Phone: (301) 757-6944 Email: Lisa.M.Sullivan1@navy.mil	\$7M	N/A	



MQ-8 Technology Refresh

Description/Summary of Program Requirements

Modifying and upgrading the software, hardware, and associated components for MQ-8C Mission Control Station and Maintenance Trainers **in preparation for expanded payloads and insure Mission Systems Trainers are in compliance with Cybersecurity and Interoperability and Distributed training.**

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TBD	5 Years	4 th Qtr FY23  RFP Release	2 rd Qtr FY24  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Lisa Sullivan Organization: PMA-205 Phone: (301) 757-6944 Email: Lisa.M.Sullivan1@navy.mil	\$25M	MFS	



General Training Systems







Parachute In-Water Release Trainer Platform Upgrade

Description/Summary of Program Requirements

- Device 9F2, Parachute In-Water Release Trainer (referred to as the Drag). This effort is to replace a pool-side device platform at ASTC Cherry Point, NC with a new platform made of non-corrosive fiberglass reinforced polymer (FRP).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
SBSA	TBD	<div>Feb 2021</div> <div>1st Qtr FY21</div> <div> RFP Release</div> <div> Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: CAPT Lisa Sullivan Organization: PMA-205 Phone: (301) 757-6944 Email: Lisa.M.Sullivan1@navy.mil	\$4.2M	N/A





Helicopter Rescue Hoist Trainer and Parachute Overwater Survival Trainer (POST) Platform Upgrades

Description/Summary of Program Requirements

- Device 9H1, Helo Hoist Platform Upgrade and Device 9F9A, Parachute Overwater Survival Trainer (POST) Platform Upgrade. This effort is to replace 11 pool-side device platforms with new platforms made of non-corrosive fiberglass reinforced polymer (FRP) using Government provided design.
- There are 7 Helo Hoist device platforms to be replaced at ASTC in: Pensacola, FL; Jacksonville, FL; Cherry Point, NC; Norfolk, VA; Patuxent River, MD; Whidbey Island, WA; & Lemoore, CA.
- There are 5 POST device platforms to be replaced at ASTC in: Pensacola, FL; Jacksonville, FL; Norfolk, VA; Patuxent River, MD; & Whidbey Island, WA.

Note: The platform structure at ASTC Jacksonville supports both 9H1 and 9F9A devices.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
SBSA	TBD	4th Qtr FY21  RFP Release	1st Qtr FY22  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Lisa Sullivan Organization: PMA-205 Phone: (301) 757-6944 Email: Lisa.M.Sullivan1@navy.mil	\$4.2M	N/A	



Marine Corps Training Systems







KC-130J Weapons System Trainer Technology Refresh

Description/Summary of Program Requirements

KC-130J WST #3 2F199-3 Technology Refresh.

Planned contracting approach is to use an existing Air Force contract C/KC/AC/HC-130 Maintenance and Aircrew Training System (JMATS) managed by the USAF Simulator Program Office that already includes upgrades to KC-130 WSTs.

Proposals Due 18 Dec 2020

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source, FFP Modification to Existing Contract at the SPO Wright Patterson AFB	24 Months	<div>May 2020</div> <div> RFP Release</div> <div>Mar 2021</div> <div> Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Brian Hicks Organization: NAWCTSD Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$13M	Lockheed Martin





KC-130J Training Systems (WST/FuT/CPT) Block 8.1 Upgrade

Description/Summary of Program Requirements

KC-130J WST/WST/OTA #3 Block Upgrade to the USMC KC-130J Block 8.1 aircraft configuration. Provides a reconfigurable hardware and software solution for the training devices at MCAS Iwakuni to conduct aircrew training in either a Block 6.5.3 or Block 8.1 configuration. Maintains concurrency with fleet aircraft.

Planned contracting approach is to use an existing Air Force contract C/KC/AC/HC-130 Maintenance and Aircrew Training System (JMATS) managed by the USAF Simulator Program Office that already includes upgrades to KC-130 Training devices.

Proposals Due 18 Dec 2020

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source, FFP Modification to Existing Contract at the SPO Wright Patterson AFB	24 Months	<div>May 2020</div> <div> RFP Release</div> <div>Mar 2021</div> <div> Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Brian Hicks Organization: NAWCTSD Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$8.7M	Lockheed Martin



KC-130J **WST**, Fuselage Trainer & Observer Training Aid Procurement

Description/Summary of Program Requirements

Procurement of KC-130J **Weapons System Trainers (WST)**, Fuselage Trainer, and Observer Training Aid

Planned contracting approach is to use a follow on Air Force contract to the C/KC/AC/HC-130 Maintenance and Aircrew Training System (JMATS) awarding in late FY21. This contract will be managed by the USAF Simulator Program Office and has been used successfully for USMC KC-130J Training device procurements.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source, FFP New Contract at the SPO Wright Patterson AFB	36 Months	<div>Sep 2021 △ RFP Release</div> <div>Dec 2021 △ Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Brian Hicks Organization: NAWCTSD Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$56 M	Lockheed Martin



KC-130J Weapon System Trainer and Cockpit Procedures Trainer Procurement

Description/Summary of Program Requirements

KC-130J WST and Cockpit Procedures Trainer procurement

Planned contracting approach is to use a follow on Air Force contract to the MKC/AC/HC-130 Maintenance and Aircrew Training System (JMATS) awarding in late FY21. This contract will be managed by the USAF Simulator Program Office and has been used successfully for USMC KC-130J Training device procurements

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source, FFP New Contract at the SPO Wright Patterson AFB	36 Months	<div>Feb 2022 △ RFP Release</div> <div>Aug 2022 △ Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Brian Hicks Organization: NAWCTSD Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$33.5M	Lockheed Martin





C/KC-130T T-56 Series 3.5 Engine Upgrade Training

Description/Summary of Program Requirements

Current C/KC-130T Legacy Simulators in Ft Worth (2F152/2F107/2F176) will require engine performance model updates and aero model updates that reflect new performance parameters of the C/KC-130T aircraft following the T-56 series 3 mod. Additionally, maintenance training devices and aircrew and maintenance courseware updates will be required.

Planned contracting approach is to use a NAWCTSD TSC contract vehicle.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Planned: TSC IV	24 Months	Mar 2022  RFP Release	Oct 2022  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$4.5M	J.F. Taylor Inc.	





USMC Aviation Distributed Virtual Training Environment (ADVTE) Technical Upgrades and Completion

Description/Summary of Program Requirements

Implement ADVTE at 1st and 4th Marine Aircraft Wing (MAW) Marine Aviation Training System Sites. Effort will also include improvements to existing 2nd and 3rd MAW ADVTE equipment and capability. Includes modernization of the currently fielded ADVTE equipment including Network Exercise Control Centers (NECC), and other "System-of-System" improvements to increase Virtual and Constructive training capability, and increase the number of systems that can connect to conduct distributed mission training capability across USMC ATS training sites.

- Draft SOW and draft PRF released for an **Industry Day / Site Visit, conducted 24 October at MCAS Miramar, CA**
- Industry **one-on-one sessions conducted week of 11 Nov 19**
- 5 Oct 2020: Released draft RFP including draft Statement of Work, Performance Specification, ADVTE **technical information, draft sections L & M**
- **Any questions asked will be answered, and posted on beta.sam.gov with non-attribution to the firm that asked the question. Answers should post after Thanksgiving**

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
New Contract, Unrestricted Competitive [Not under TSC-IV]	54 Months	<div>Jan 2021</div>  RFP Release
		<div>Jun 2021</div>  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: CAPT Lisa Sullivan Organization: PMA-205 Phone: (301) 757-6944 Email: Lisa.M.Sullivan1@navy.mil	\$40M	Veraxx Engineering Corp. (Original Developer)





USMC Tactical Environment Technical Upgrades and Completion (TEn) (TUC)

Description/Summary of Program Requirements

Implement improvements and complete the USMC TEn to connect and implement/integrate/deliver a common TEn software and hardware baseline across all MC ATS (1st, 2nd, 3rd, and 4th Marine Aircraft Wing (MAW)) Marine Aviation Training System Sites (MATSS).

- Two contract actions under this overall effort.
- **Contract Action 1:** Limited TEn software changes driven by current high priority AV-8B / H-1 platform training requirements
- **Contract Action 2:** Modify, upgrade, enhance, install, integrate the TEn baseline driven by Platform and ADVTE Requirements. This effort will complete and rebaseline the TEn across all ATS training devices that use the TEn, Including NASMP and DIS bridges
- **Estimated Presolicitation Notice posting date: ~ 15 Dec 2020**

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Contract Action 1: New Contract [Not under TSC-IV] Contract Action 2: New Contract [Not under TSC-IV] Contract Approach not yet finalized	Delivery Period #1: 30 Months Delivery Period #2: 45 Months	#1: Jan 2021 #2: May 2021  RFP Release #1: May 2021 #2: Sep 2021  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: CAPT Lisa Sullivan Organization: PMA-205 Phone: (301) 757-6944 Email: Lisa.M.Sullivan1@navy.mil	#1: \$.8M #2: \$30M	Veraxx Engineering Corp. (Original Delveloper)





AV-8B Maintenance Trainer Technology Refresh

Description/Summary of Program Requirements

Conduct a Technology Refresh to AV-8B Avionics, Electrical, Armament, Power Plant, Flight Controls, and Landing Gear Maintenance Trainers located at MCAS Cherry Point, NC

Presolicitation Notice issued on 6 Oct 20. Included Draft Documents – SOW, SPEC, CDRLs. A Q&A form was included and responses were requested

In the process of finalizing Final RFP

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TSC VI: Restricted to Small Business Based on Market Research Analysis	24 Months	Dec/Jan 2020  RFP Release	Apr 2020  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Lisa Sullivan Organization: PMA-205 Phone: (301) 757-6944 Email: Lisa.M.Sullivan1@navy.mil	\$3.7M	CymSTAR (Previous Mod Contractor)	





AV-8B Weapons System Trainer (WST) / Deployable Mission Rehearsal Trainer (DMRT) Operational Flight Program Upgrade

Description/Summary of Program Requirements

Assess and implement OFP Upgrades (H6.2, H7.0, H7.1) into WST and DMRT Trainers to reflect concurrent OFP/operational capabilities with AV-8B Aircraft

Proposals due 14 Dec 2020

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
TSC IV: Restricted to Small Business Based on Market Research Analysis	24 Months	<div>2 Nov 2020</div> <div>  RFP Release </div> <div>Apr 2021</div> <div>  Contract Award </div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: CAPT Lisa Sullivan Organization: PMA-205 Phone: (301) 757-6944 Email: Lisa.M.Sullivan1@navy.mil	\$ ~ 7.5M	LSI (OEM)



AH-1Z and UH-1Y (H-1) Mission Rehearsal Trainer (MRT)



Description/Summary of Program Requirements

The H-1 MRT will bridge a gap in deployed training capabilities by providing pilot and aircrew a deployable mission rehearsal device.

The scope of this effort is to provide multiple AH-1Z and UH-1Y ("H-1") Mission Rehearsal Trainers (MRT) that will improve aircrew operational training and readiness, and reduce operational risk.

The H-1 MRT is envisioned to be a smaller footprint part-task-trainer with a visual system, simulated aircraft cyclic/collective/pedals and touchscreen interfaces for key aircraft systems such as the Multi and Dual-Function Displays (M/DFD), aircraft Keyboard, and weapon and countermeasure systems. Desired objective is to procure up to 12 H-1 MRTs through the NAVAIR Other Transaction Authority (OTA) in Pax River, MD.

Down Select to elect one contractor to assist in finalizing the Statement of Work (SOW), leading up to the contract award planned for **January 2021** for the first H-1 MRT device. Award of subsequent MRT devices may or may not occur at a later date.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Other Transaction Authority (OTA) [Effort managed by Naval Aviation Systems Consortium, Consortium Management Group, NAWCAD, Pax River]	32 to 48 Months	Aug 2020  RFP Release	Jan 2021  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Lisa Sullivan Organization: PMA-205 Phone: (301) 757-6944 Email: Lisa.M.Sullivan1@navy.mil	\$ 14.6M (includes all potential devices)	New Device	

NAWCTSD

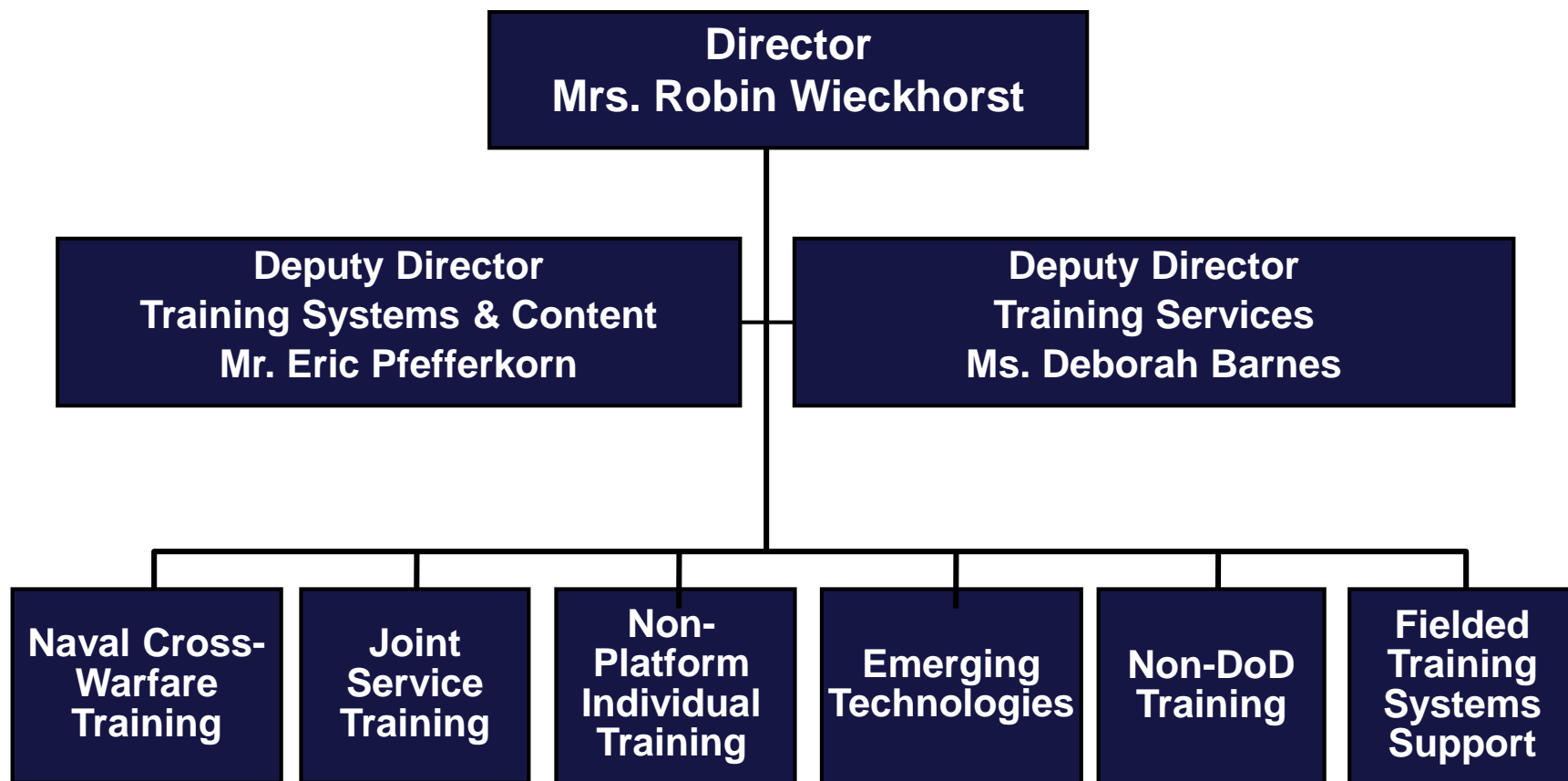


Robin Wieckhorst

Director, Cross-Warfare Programs



Cross-Warfare Programs Organization







NAWCTSD Product Line Management

Description/Summary of Program Requirements

Cross-platform contract supporting multiple U.S. Navy programs to stand up and sustain U.S. Navy IT systems (e.g. classrooms, labs, part-task trainers, etc.) while maximizing the re-use of an Information Technology (IT) common hardware baseline. Support will include procure hardware from a common IT baseline, install software (including OSs), integrate IT systems, test and deliver fully functional IT systems.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
SBSA IDIQ Sole Source 8(a) Alaska Native Corporation (ANC)	Years	Released  RFP Release Sep 20  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mrs. Robin Wieckhorst Organization: Cross-Warfare Programs Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$50M	N/A



Cargo Offload Discharge System (COLDS)

Description/Summary of Program Requirements

Provides contractor operation, maintenance and instruction for Improved Navy Lighterage System (INLS) craft. The contractor provides classroom and at-sea, high risk instruction and maintenance for the INLS operational craft.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	5 Years	3rd Qtr FY22  RFP Release	2nd Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: Cross-Warfare Programs Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$23M	Pacific Architects and Engineers (PAE)	



Internal Contractor Services Support (iCSS)

Description/Summary of Program Requirements

NAWCTSD Competencies and Program Directorates require Contractor Support Services (CSS) to assist in the acquisition and management of Navy training systems. Required disciplines include engineering, instructional systems, program management, logistics, public affairs, and financial analysis. The CSS requirements are for temporary augmentation of the NAWCTSD workforce. The CSS are required throughout the acquisition life cycle, from concept development through operation and support.



ACQUISITION STRATEGY	POINT OF PERFORMANCE	MILESTONES
SBSA WOSB Competitive	Mrs	Released  RFP Release 10 Sep 20  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mrs. Robin Wieckhorst Organization: Cross-Warfare Programs Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$110M	Zenetex



Fielded Training Systems Support (FTSS) V

Description/Summary of Program Requirements

Multiple Award Contract (MAC) vehicle to provide task orders for Contractor Operation and Maintenance Services (COMS) and Contractor Instructional Services (CIS) and associated services for USN/USMC units. Covers recurring FTSS sustainment requirements for primarily COMS and CIS. Ancillary FTSS services include but are not limited to: training device relocations, training systems management, minor modification support, and in-service engineering support. Supports aviation and non-aviation customers.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
MAC with Unrestricted Lot 1 and a SBSA Lot 2 Competitive	5 Yr base ordering period plus 3 1-Yr Options	<div>Mar 21</div> <div></div> <div>RFP Release</div> <div>4th Qtr 21</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mrs. Robin Wieckhorst Organization: Cross-Warfare Programs Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$1.0B ceiling	Multiple: 9 FTSS IV Lot I MAC contractors





Naval Introductory Flight Evaluation (NIFE)

Description/Summary of Program Requirements

Chief of Naval Air Training Command (CNATRA) requires contractor services and tasks for the operation and support of the United States Navy (USN) Naval Introductory Flight Evaluation (NIFE) program. NIFE training will be conducted in the NAS Pensacola, FL area.

AWARDED

ACQUISITION STRATEGY		PERIOD OF PERFORMANCE		MILESTONES	
SBSA SDVOSB Competitive		Years		Released  RFP Released	29 May 20  Contract Award
POINT OF CONTACT		FUNDING		CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: Cross-Warfare Programs Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil		\$24M		N/A	





Command Aircraft Crew Training (CACT) C-26D

Description/Summary of Program Requirements

Labor, equipment, training facilities, supervision and other services necessary for training of aircrew personnel of the Navy's C-26D (Navy configured Metroliner SA-227 aircraft) pilot training. This contract supports training for the Commander Naval Air Force, U.S. Atlantic and Pacific Fleets (CNAP and CNAL).

AWARDED

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	Years	<div>Released</div> <div></div> <div>RFP Release</div> <div>9 Jun 20</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mrs. Robin Wieckhorst Organization: Cross-Warfare Programs Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$3M	Flight Safety International (FSI)



Command Aircraft Crew Training (CACT) UC-35

Description/Summary of Program Requirements

Labor, equipment, training facilities, supervision and other services necessary for training of aircrew personnel of the UC-35C (Navy configured Cessna Citation V ULTRA/CE-500-560) and UC-35D (a Navy configured Cessna Citation V ENCORE/CE-500-560) pilot training. This contract supports training for various commands.

AWARDED



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	Years	<div>Released</div> <div>29 Sep 20</div> <div>RFP Release</div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mrs. Robin Wieckhorst Organization: Cross-Warfare Programs Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$10M	Flight Safety International (FSI)



Command Aircraft Crew Training (CACT) T-44C

Description/Summary of Program Requirements

Labor, equipment, supervision and other services, necessary to provide pilot training for the Navy T-44C ProLine 21(PL21) aircraft. The T-44C is a Navy configured Raytheon/Beechcraft King Air C-90 with a modified ProLine 21 avionics suite.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	5 Yrs	<div>Released</div> <div></div> <div>RFP Release</div> <div>Dec 20</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mrs. Robin Wieckhorst Organization: Cross-Warfare Programs Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$51M	CAE USA





Command Aircraft Crew Training (CACT) C-40A Maintenance

Description/Summary of Program Requirements

Labor, equipment, training facilities, supervision and other services, necessary to provide organizational level maintenance training for the C-40A (Navy configured Boeing 737-700 Increased Gross Weight [IGW] aircraft).

AWARDED



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Full and Open Competitive	Years	<div>Released</div> <div></div> <div>RFP Release</div> <div>Nov 20</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mrs. Robin Wieckhorst Organization: Cross-Warfare Programs Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$4.5M	Delta Airlines



Pilot & Aircrew Courseware Revision and Maintenance (PACRM)

Description/Summary of Program Requirements

Indefinite Delivery/Indefinite Quantity (IDIQ) Multiple Award Contract (MAC) with Firm-fixed-price (FFP) and Cost-plus-fixed-fee (CPFF) components to support of ongoing requirement to procure Pilot and Aircrew Courseware Revision and Maintenance (R&M) services for Navy and Marine Corps' Training Programs.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
SBSA MAC Competitive	5 Yr Base with two 1 Yr options	<div>Released</div> <div></div> <div>RFP Release</div> <div>2nd Qtr FY21</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mrs. Robin Wieckhorst Organization: Cross-Warfare Programs Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$90M ceiling	N/A



Pilot and Aircrew Courseware R&M E-2 / C-2 / Landing Signal Officer

Description/Summary of Program Requirements

Revision and Maintenance (R&M) of E-2, C-2, and Landing Signal Officer (LSO) Fleet Readiness Squadron (FRS) and Weapons School Pilot and Aircrew courseware, located at NAS Oceana, VA and NS Norfolk, VA.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
PACRM MAC Competitive	5 Yrs	<div>Released</div> <div>2nd Qtr FY21</div> <div>RFP Release</div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mrs. Robin Wieckhorst Organization: Cross-Warfare Programs Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$5M	Crew Training International, Inc (CTI)



Pilot and Aircrew Courseware R&M USN /USMC

Description/Summary of Program Requirements

Revision and Maintenance (R&M) of curriculum, to include support of Electronic Classrooms (ECR), Learning Resource Centers (LRC), network systems, and Foreign Military Sales (FMS) in support of USN / USMC training located at MCAS Cherry Point, NC (VMAT-203, VMU FRD, KC-130 FRD), MCAS New River, Jacksonville, NC, (HMHT-302), NS Norfolk, VA (HM-12, HSCWSL), MCAS Camp Pendleton, CA (HMLAT-303), MCAS Beaufort, SC (MATSS) and MCAS Miramar, CA (MATSS).



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
PACRM MAC	5 Yrs	1st Qtr FY22  RFP Release	2nd Qtr FY22  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: Cross-Warfare Programs Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$12M	Crew Training International, Inc (CTI)	



Pilot and Aircrew Courseware R&M Maritime

Description/Summary of Program Requirements

Revision and Maintenance (R&M) of curriculum, to include support of Electronic Classrooms (ECR), Learning Resource Centers (LRC), network systems, Foreign Military Sales (FMS) and Cooperative Projects in support of Maritime Patrol and Reconnaissance Aircrew Training Programs located at NAS Jacksonville, FL. Patrol Squadron Thirty (VP-30) and Maritime Patrol and Reconnaissance Weapons School (MPRWS).



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
PACRM MAC Competitive	5 Yrs	4th Qtr FY22  RFP Release	1st Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: Cross-Warfare Programs Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$10M	A. Harold and Associates, AHA	



Naval Aviation Survival Training Program COMS

Description/Summary of Program Requirements

Contractor Operation and Maintenance Services (COMS) on behalf of Commandant, Bureau of Medicine and Surgery (BUMED) to support Naval Aviation Survival Training Program (NAS) training devices and requirements at NAS Jacksonville, FL, NS Norfolk, VA and MCAS Cherry Point, NC.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
SBSA Competitive	Years	Released  RFP Release Jul 20  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mrs. Robin Wieckhorst Organization: Cross-Warfare Programs Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$5M	Engineering Support Personnel (ESP)



USMC Aviation Training Systems COMS/CIS

Description/Summary of Program Requirements

Contractor Operation and Maintenance Services (COMS) and Contractor Instructional Services (CIS) on behalf of Commander, Naval Air Forces Atlantic (CNAL) and Pacific (CNAP), and Center for Naval Air Technical Training (CNATT) to support USMC AV-8B, KC-130, MV-22, CH-53E, UH-1, CH-53K, AH-1, and MAWTS training devices and requirements at MCAS Cherry Point, NC, MCAS New River, NC, MCAS Yuma, AZ, Camp Pendleton, CA, and MCAS Miramar, CA.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
FTSS IV Competitive	5 Yrs	<div>Released</div> <div></div> <div>RFP Release</div> <div>Feb 21</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mrs. Robin Wieckhorst Organization: Cross-Warfare Programs Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$125M	Valiant Global Defense Services



F/A-18 COMS/CIS

Description/Summary of Program Requirements

Contractor Operation and Maintenance Services (COMS) and Contractor Instructional Services (CIS) on behalf of Commander, Naval Air Forces Atlantic (CNAL) and Pacific (CNAP), and Center for Naval Air Technical Training (CNATT) for F/A-18 training at NAS Oceana, VA, MCAS Beaufort, SC, MCAS Miramar, CA, NAS Lemoore, CA, NAS Whidbey Island, WA and CIS for EA-18G at NAS Whidbey Island, WA and F/A-18 at NAS Lemoore, CA and MCAS Miramar, CA.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
FTSS IV Competitive	5 Yrs	<div>Dec 20</div> <div></div> <div>RFP Release</div> <div>April 21</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mrs. Robin Wieckhorst Organization: Cross-Warfare Programs Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$107M	Valiant Integrated Services



Contractor Instructional Services, Atlantic (CISLANT)

Description/Summary of Program Requirements

Contractor Instructional Services (CIS) on behalf of Commander, Naval Air Forces Atlantic (CNAL) to support training devices and requirements at NS Norfolk, VA, NAS Jacksonville, FL, NS Mayport, FL, and NAS Oceana, VA. Support may include: E-2C/D, MH-53E, H-60, F/A-18, P-3, P-8, MQ-4, and MQ-8.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
FTSS IV Competitive	5 Yrs	2 nd Qtr FY21  RFP Release	4 th Qtr FY21  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: Cross-Warfare Programs Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$90M	LB&B	



CNATRA COMS

Description/Summary of Program Requirements

Contractor Operation and Maintenance Services (COMS) on behalf of Chief of Naval Air Training (CNATRA) simulators and other training devices. These devices are on site in government facilities at the following locations: NAS Meridian, MS – Training Air Wing ONE, NAS Kingsville, TX – Training Air Wing TWO, NAS Corpus Christi, TX – Training Air Wing FOUR, NAS Whiting Field, Milton, FL – Training Air Wing FIVE, and NAS Pensacola, FL – Training Air Wing SIX.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
FTSS IV Competitive	5 Yrs	<div>May 21</div> <div></div> <div>RFP Release</div> <div>1st Qtr FY22</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mrs. Robin Wieckhorst Organization: Cross-Warfare Programs Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$40M	Fidelity Technologies, Inc.



Maritime COMS

Description/Summary of Program Requirements

Contractor Operation and Maintenance Services (COMS) on behalf of Commander, Naval Air Forces Atlantic (CNAL) and Pacific (CNAP), and Center for Naval Air Technical Training (CNATT) to support P-3C, EP-3E, MQ-4 and P-8A training devices and requirements at NAS Jacksonville, FL and NAS Whidbey Island, WA.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
FTSS IV Competitive	5 Yrs	1st Qtr FY22  RFP Release	3rd Qtr FY22  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: Cross-Warfare Programs Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$80M	LB&B	



Naval Aviation Technical Training Center (NATTC) COMS/CIS

Description/Summary of Program Requirements

Contractor Operation and Maintenance Services (COMS) and Contractor Instructional Services (CIS) on behalf of Center for Naval Aviation Technical Training (CNATT) to support Naval Aviation Technical Training Center (NATTC) training devices and requirements at NAS Pensacola, FL and Joint Base Maguire/Dix/Lakehurst, NJ.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
FTSS V, Lot 2 SBSA Competitive	5 Yrs	3rd Qtr FY22  RFP Release	1st Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: Cross-Warfare Programs Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$16M	Engineering Support Personnel (ESP)	



Chief of Naval Air Training (CNATRA) CIS

Description/Summary of Program Requirements

Contractor Instructional Services (CIS) to be performed in support of Chief of Naval Air Training (CNATRA) student throughput requirements. These services are performed on site in government facilities at the following locations: NAS Meridian, MS – Training Air Wing ONE, NAS Kingsville, TX – Training Air Wing TWO, NAS Corpus Christi, TX – Training Air Wing FOUR, NAS Whiting Field, Milton, FL – Training Air Wing FIVE, and NAS Pensacola, FL – Training Air Wing SIX.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
FTSS V Lot 1 Competitive	5 Yrs	3rd Qtr FY22  RFP Release	2nd Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: Cross-Warfare Programs Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$140M	CAE, USA, Inc.	



Western Pacific (WESTPAC) COMS/CIS

Description/Summary of Program Requirements

Contractor Operation and Maintenance Services (COMS) and Contractor Instructional Services (CIS) on behalf of Commander, Naval Air Forces Pacific (CNAP) to support F/A-18, KC-130J, MV-22B, E-2D, H-60, H-53, H-1, and P-3 training devices and requirements at Okinawa, Atsugi, Kadena, and Iwakuni, Japan and at MCB Kaneohe, Hawaii.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
FTSS V Lot 1 Competitive	5 Yrs	4th Qtr FY22  RFP Release	2 nd Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: Cross-Warfare Programs Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$15M	Engineering Support Personnel (ESP)	



Fleet Readiness Center East (FRCE) Depot Level Maintenance (DLM)

Description/Summary of Program Requirements

NAWCTSD contracts for a workforce of 35 - 45 annual workyears to support aircraft, aircraft engines, and associated components/material that are undergoing Depot Level Maintenance (DLM) at FRCE Cherry Point and MCAS New River. Weapons Systems include: H-46, F-22, AV-8, F/A-18, F-35, EA-6B. Engines include: F402, T58, T64, T400, T700, and GE.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
SBSA 8(a) Competitive	Years	Released  RFP Release 12 Nov 20  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mrs. Robin Wieckhorst Organization: Cross-Warfare Programs Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$88M	AVMAC LLC



Fleet Readiness Center Southeast (FRCSE) Production Support Services (PSS)

Description/Summary of Program Requirements

Production Support Services (PSS) in support of Depot Level Maintenance (DLM) at FRCSE and its supported areas which includes Production Control, Warehouse Specialist, Transportation, Supply Technician, Stock Clerk, and Tools and Parts Attendant (TPA) services.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
SBSA Competitive	6 Yrs	<div>Released</div> <div>Feb 21</div> <div> RFP Release</div> <div> Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mrs. Robin Wieckhorst Organization: Cross-Warfare Programs Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$53M	ProLog



Fleet Readiness Center East (FRCE) Engineering Support Services (ESS)

Description/Summary of Program Requirements

Engineering Support Services (ESS) at FRCE and its supported areas provides the full range of engineering support for aircraft, engines and support systems, and development of engineering data, Technical Directives (Bulletins, Changes, etc.), Technical Manuals, Drawings, and Engineering Investigations.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
SBSA Competitive	5 Yrs	<div>Feb 21</div> <div></div> <div>RFP Release</div> <div>4th Qtr FY21</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mrs. Robin Wieckhorst Organization: Cross-Warfare Programs Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$35M	LTM Inc.

NAWCTSD



Paul Honold

Director, Surface and Undersea Warfare Programs



Program Directorate, Surface & Undersea Organization

Director
Mr. Paul Honold

Surface & Expeditionary Warfare Programs

LCS TSEA Deputy
Mr. Chris Korn

Deputy Director
Mr. Ron Winstead

Military Deputy
Vacant

Surface Warfare
Schools Command
Training

Combat Systems
Training

Hull, Mechanical &
Electrical

Littoral Combat
Ship Training
Project Office

Navigation,
Seamanship &
Shiphandling

Amphibious
Warfare Training

Fire Fighting &
Damage Control

Operations &
Maintenance
Services

Instructor
Services (NSS,
GCIS)

Undersea Programs

Deputy Director
Mr. William Zeller

Military Deputy
CDR **Hudson**

MRTS 3D
Undersea

MRTS 3D
Aviation

VISIT 3-D

MRTS 3D
Surface, other

Submarine
Navigation

Hull, Mechanical &
Electrical

Submarine
Fire Fighting

Contractor
Maintenance
Services

Front-End
Analysis



Surface Training
Advanced Virtual
Environment



Surface Training Immersive Gaming & Simulations (STIGS)

Description/Summary of Program Requirements

Single Award Indefinite Delivery/Indefinite Quantity Contract (ID/IQ) for fielding of new virtual system simulation products and interactive courseware as well as the continued lifecycle support of existing systems. Current devices include Navigation System Maintenance Trainer, Hull Mechanical & Electrical Training Devices, Foreign Military Sales Device 14A1, Naval Anti-Submarine Warfare (ASW) Team Trainer and Littoral Combat Ship (LCS) Immersive Virtual Shipboard Environment (IVSE) Courseware. Currently under protest.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Full & Open Competitive	Year Ordering Period	Released  RFP Released	July 20  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$99M	Alion, Cubic	





AEGIS Ashore Team Trainer (AATT) Ballistic Missile Defense (BMD) 5.1 Build 24.0.6.3 and Build 35 – Phase II

Description/Summary of Program Requirements

Design, develop, integrate, test and deliver, AATT BMD 5.1 Build 24.0.6.3 and Build 35 capabilities to support AEGIS Ashore Missile Defense System (AAMDS) which includes BMD qualification and certifications requirements conducted at CSCS Dam Neck, VA. Scope will include simulation software development/modification, AEGIS baseline 9B update and configuration management. A phased contract approach will be implemented:

Phase I – Requirements Analysis Working Group

Phase II – Deliver BMD 5.1 Build 24.0.6.3 and Build 35 Enhancement

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	4 Months	<div>Feb 20</div> <div></div> <div>RFP Released</div> <div>Jun 20 (PH II)</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$8M	Lockheed Martin





AEGIS Ashore A3C4I BMD 5.1 Build 24.0.6.3 and Build 35 Training Enhancement – Phase II

Description/Summary of Program Requirements

Design, develop, integrate, test and deliver, AEGIS Ashore Assured Command, Control, Communications, Computers and Intelligence (A3C4I) – Ballistic Missile Defense (BMD) 5.1 Build 24.0.6.3 and Build 35 Training Upgrade, to support AEGIS Ashore Missile Defense System (AAMDS), A3C4I personnel training. A3C4I is a subsystem of the AEGIS Ashore Team Trainer, Device 20F27. This is a PC-based Open-architecture for Reconfigurable Training Systems (PORTS) simulation application. A phased contract approach will be implemented:

Phase I – Requirements Analysis Working Group
Phase II – A3C4I BMD 5.1 Build 24.0.6.3 and Build 35 Enhancement



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	18 Months	<div>Feb 20</div> <div></div> <div>RFP Released</div> <div>Jun 20 (PH II)</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$3M	Northrop Grumman



PORTS ID/IQ Contract

Description/Summary of Program Requirements

Single Award Indefinite Delivery/Indefinite Quantity Contract (ID/IQ) for award of multiple Delivery Orders through the period of performance for the support of the Proposed Open Architecture Reconfigurable Training Systems (PORTS). This will be the follow-on contract vehicle to replace the existing PORTS ID/IQ and includes the Multi-Mission and Trainers. Scope will include simulation software development and modification, related instructional content development, hardware technical refresh, new training systems, configuration management, performance monitoring and evaluation, intelligent tutoring, and other actions as specified.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	Year Ordering Period	<div>May 20  RFP Released</div> <div>July 20  Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$67M available ceiling \$5.M on DO #1	Northrop Grumman





PORTS ID/IQC DO #1 Mod

Description/Summary of Program Requirements

Modify Delivery Order #1 on the PORTS ID/IQC for work in support of the Mariner Skills Team Trainer and a Littoral Combat Ship (LCS) Combat Systems Requirements Analysis Working Group (RAWG)

NEW



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source, PORTS ID/IQC	18 months	<div>Jan 21</div> <div></div> <div>RFP Release</div> <div>Apr 21</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$1M	Northrop Grumman



PORTS ID/IQC DO #2

Description/Summary of Program Requirements

Delivery Order #2 on the PORTS ID/IQC providing for work in support of the Multi-Mission Tactical Trainer (MMTT), a new Anti-Submarine Tactical Air Controller (ASTAC) trainer, Tactical Data Link (TDL) trainer requirements, Air Intercept Controller (AIC) training, and potentially the Naval Surface Fire Support (NSFS) trainer.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source, PORTS ID/IQC	1-2 years	<div>Jan 21</div>  <div>RFP Release</div> <div>Apr 21</div>  <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	TBD	Northrop Grumman



Surface Firefighting Trainer Smoke System Replacement/AFFF System Removal

Description/Summary of Program Requirements

Replace obsolete smoke generation systems for the family of Naval Surface Fire Fighting Trainers to current industry standard technology. Removal of deteriorating Aquacore Film Forming Foam (AFFF) components and systems, which are no longer a training requirement. Replace current degraded Non-Skid throughout the Damage Control Wet Trainers (DCWT) for Newport, RI, San Diego, CA and Norfolk, VA to comply with safety requirements for Non-Skid. Also includes removal and replacement of deteriorated Watertight Hatches and Scuttles for Norfolk, VA, San Diego, CA and Newport, RI Wet Trainers.



ACQUISITION STRATEGY	MOD OF PERFORMANCE	MILESTONES
TSC IV SBSA Competitive	Years (includes base devices and options)	Nov 19  RFP Released June 20  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$1.5M	N/A



Surface Navy Curriculum Modernization and Analysis IDIQ

Description/Summary of Program Requirements

Single Award Indefinite Delivery/Indefinite Quantity Contract (ID/IQC) to create and modernize surface mission area curricula to include Combat Systems; Hull, Mechanical & Electrical (HM&E); Firefighting and Damage Control; Navigation, Seamanship & Shiphandling; Deck and Amphibious Warfare. Scope to include Curriculum/courseware new development, update and revision for instructor-led (Authoring Instructional Material - AIM/Content Planning Module -CPM/Learning Objective Model - LOM) and Computer Based Training courseware. Computer-Based Training (CBT)/Interactive Courseware (ICW) development, update, and revision in accordance with NETC E2E Process, and OPNAV/NETC Front End Analysis (FEA) products.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
WOSB Set Aside Competitive	5 Year Ordering Period	Nov 19  RFP Released Mar 21  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$49M	N/A



Navigation Seamanship Shiphandling Contractor Instructor Services (NSS CIS)

Description/Summary of Program Requirements

Performance-based contract to provide instructor services for Naval Reserve courses, provide curriculum updates and to serve as subject matter experts for NSS topics with the Surface Warfare Enterprise. This re-compete will address the requirements of Surface Warfare Schools Command in all major fleet concentration areas. There are a total of 12 sites. Re-compete required due to significant increase and change in requirements from previously awarded contract.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
FTSS IV Competitive	Years	May 20  RFP Release August 20  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	TBD	LB&B



Engineering Contractor Instructor Services (ECIS)

Description/Summary of Program Requirements

Previously titled Global Contractor Instructor Services. Performance-based contract to provide instructor services to augment military instructors for engineering and damage control related courses, provide curriculum updates and to serve as subject matter experts for various surface and expeditionary warfare training systems within the Surface Warfare Enterprise. This re-compete will address the requirements of Surface Warfare Schools Command at all major fleet concentration areas.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
SBSA Competitive	5 Years	<div>July 21</div> <div></div> <div>RFP Release</div> <div>Dec 21</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	TBD	Prevailance Inc.



Pacific Northwest Firefighting and Damage Control Training

Description/Summary of Program Requirements

Contract to provide turnkey (courses and facilities) for live-fire Fire Fighting and Damage Control Training courses(s) for Navy and Coast Guard personnel stationed in the Pacific Northwest (PACNORWEST) Fleet Concentration Area (FCA), in the Seattle, WA area.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Full and Open Competitive	5 Years	<div>Mar 20  RFP Released</div> <div>Dec 20  Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$6M	WRG Fire Training



Ship to Shore Connector (SSC) Training Systems

Description/Summary of Program Requirements

Acquire SSC training solutions in support of PMS377 new craft deliveries to replace Landing Craft Air Cushioned vehicles. Training solutions required for SSC Crew Operations and Maintenance Training comprised of Instructor Lead Training, Electronic Classrooms, Virtual and Full Mission Trainers to support training of Co-Pilots, Flight Engineer, Loadmaster, Deck Engineers, C4N, Electrical, Propulsion, Structural, Crew Familiarization and Crew Advanced Qualification Training. Base award projected to include Advanced Qualification Training Device and Operations **Training Courses**.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TSC IV SBSA Competitive	3 years	Nov 20  RFP Release	Mar 21  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$30M (thru FY23) Base: \$10M	N/A	



Riverine Small Boat Trainers

Description/Summary of Program Requirements

Previously titled NECC Multi-Boat Simulators. Acquire training solutions for new reconfigurable boat simulator (Patrol Boat 40) in support of Coastal Riverine Force training of Visit, Board, Search, and Seizure (VBSS), Security force assistance (SFA), High value unit (HVV) shipping escort and Theater security cooperation (TSC). Emphasis of the training will be on requirements associated with the bridge crew, including the conduct of multi-boat maneuvers, navigation, and weapons engagement. Base award planned for PB-40 **Cabin positions** only.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
TSC IV SBSA Competitive	20 Months for Base award	<div>Dec 20</div> <div></div> <div>RFP Release</div> <div>April 21</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$20M Base: \$5M	N/A





Amphibious Boat Control Team Trainer SSDS Upgrade

Description/Summary of Program Requirements

Upgrade existing Amphibious Boat Control Team Trainer (ABCTT) hardware and software to integrate the Self-Defense System Simulator (SDSSIM) functionality to support Amphibious Warfare Training capability at Expeditionary Warfare Training Group, Atlantic (EWTGLANT) in Virginia Beach, Virginia and at Expeditionary Warfare Training Group, Pacific (EWTGPAC) in San Diego, California.

NEW

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	12 Months for Base award	<div>Apr 21</div> <div></div> <div>RFP Release</div> <div>Sep 21</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$700K	Buffalo Computer Graphics ICI SERVICES, INC.





Naval Surface Fire Support Shore Based Trainer Upgrade

Description/Summary of Program Requirements

Upgrade 20E18B to incorporate all baselines of the Mk 34 so that students can have a simulator that replicates the fleet training need (Mk 34 Mods 0 – 8), and provide an interface for Naval Fires Control System (NFCS) Operator Watch Station training by incorporating identified discrepancy report software changes. Correct identified deficiencies and develop new capabilities to include Mk 34 GWS Mods 4, 6, 7 and 8; NFCS interface with the 20E18B.

NEW



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
PORTS IDIQ Sole Source	12 Months for Base award	Apr 21  RFP Release	Sep 21  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$980K	Northrup Grumman	



Littoral Combat Ship (LCS) Virtual Ship Training System (VSTS) Virtual Reality Labs (VRL)

Description/Summary of Program Requirements

Procure, install, and integrate equipment to complete installation of additional CLASSIFIED/ UNCLASSIFIED Virtual Reality Labs and two (2) CLASSIFIED/ UNCLASSIFIED Brief/De-Brief rooms at the Littoral Training Facility, located on Naval Station Mayport, FL. Additionally, procure and install equipment to complete installation of one (1) UNCLASSIFIED VRL on Jacksonville Executive at Craig Airport (KCRG).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
GSA Schedule 70 Competitive	2 Years	Aug 20  RFP Release Sept 20  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$6.5M	Triton Joint Venture (JV) LLC





Littoral Combat Ship (LCS) Virtual Ship Training System (VSTS) Virtual Reality Labs (VRL) San Diego Tech Refresh

Description/Summary of Program Requirements

Procure, install, and integrate equipment to complete tech refresh of 12 CLASSIFIED/UNCLASSIFIED Virtual Reality Laboratories and one (1) Haptic Laboratory at the Littoral Training Facility, located on Naval Base San Diego, CA.

NEW

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
GSA Government Wide Acquisition Contracts (GWACs) Competitive	2 Years	<div>Apr 21  RFP Release</div> <div>May 21  Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$4M	Carley Corp. Nova Technologies





Littoral Combat Ship (LCS) Virtual Ship Training System (VSTS) Briefing Room Control System (BRCS) LTF Mayport

Description/Summary of Program Requirements

Procure, install, and integrate equipment to complete installation of up to five (5) CLASSIFIED/
UNCLASSIFIED Briefing Room Control Systems at the Littoral Training Facility, located on Naval
Station Mayport, FL.

NEW

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
GSA Government Wide Acquisition Contracts (GWACs) Competitive	1 Year	<div>Feb 21</div> <div></div> <div>RFP Release</div> <div>Mar 21</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$1.5M	





Littoral Combat Ship (LCS) Knifefish/UISS Simulator Upgrade

Description/Summary of Program Requirements

Effort to update Mission Bay Trainer assets at the LCS Training Facilities in San Diego and Mayport. Scope to include launch and recovery of the Knifefish and Unmanned Influence Sweep System (UISS) vehicles, line-zeroing function, and Windows 10 upgrade to system. Effort includes build, install, test, document and delivery as applicable.

Projected funding year of FY22 could slip to FY23



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
STIGS Delivery Order Sole Source	TBD	2 nd Qtr FY22  RFP Release	3 rd Qtr FY22  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$TBD	Cubic	



7M/11M RIB Coxswain Simulator Trainer

Description/Summary of Program Requirements

Effort to create coxswain simulator trainer at facilities in Coronado, California, Mayport, Florida, and Little Creek, Virginia to replace current outdated trainer. Scope to include multiple desktop simulators, one 240-degree immersive simulator, various small-boat operations, and realistic feedback for students. Effort includes build, install, test, document and delivery as applicable. Market research currently on-going as well as development of RFP documentation. Schedule for RFP release is on-hold pending resolution of funding. **Funding is anticipated in FY22 or FY23**



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TBD Competitive	TBD	2 nd Qtr FY22  RFP Release	3 rd Qtr FY22  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	TBD	N/A	



Littoral Combat Ship (LCS) Mission Bay Trainer Update

Description/Summary of Program Requirements

Effort to create and modernize Mission Bay Trainer assets at the LCS Training Facilities in San Diego, and Mayport. Scope to include updates to cyber security, ordnance hoists, simulators, haptic devices, small boats, vehicle cradles, and cranes as required. Effort includes build, install, test, document and delivery as applicable. RFP release is on hold pending resolution of funding. **Funding is anticipated in FY22 or FY23.**



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TBD Competitive	TBD	2nd Qtr FY22  RFP Release	3rd Qtr FY22  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$2M	Cubic	



ET “A” School Naval Communications Trainer

Description/Summary of Program Requirements

Design, develop, test and deliver, Navy Command, Control, Communications, Computer and Intelligence (C4I) simulated equipment for training Electronic Technician (ET) “A” School students in the operations of Naval communications equipment at Naval Station Great Lakes.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source SBIR Phase III, JHT Inc	TBD	4th Qtr FY21  RFP Released	2nd Qtr FY22  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$3M	N/A	



Surface Navigation Seamanship Shiphandling Training DO 5

Description/Summary of Program Requirements

Procure and deliver Navigation Training devices to Norfolk, Pearl Harbor, Everett, Rota, & Temporary Yokosuka Facility. Devices requirements: Bridge/Command Information Center (CIC) Team, Bridge Team, Bridge Watchstander, Senior Navigator Officer of the Deck (OOD), Junior Navigator OOD, Radar Navigation Team.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole source delivery order under existing NSST IDIQ	TBD	<div>Aug 20</div> <div></div> <div>RFP Released</div> <div>Jan 21</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$54M	GDIT



Surface Navigation Seamanship Shiphandling Trainer IDIQ

Description/Summary of Program Requirements

Single Award Indefinite Delivery/Indefinite Quantity Contract (ID/IQC) for fielding of new Navigation Seamanship Shiphandling Trainers (NSSTs). Part task, Individual, Team Trainers in support of TYCOM, SWTSC and CSCS Training stakeholders. Trainer types include full Bridge/CIC Team, Bridge Team, Individual Senior Navigator Officer of the Deck (OOD), Individual Junior OOD, Radar Navigation Team, and Small Boat Rigid Hull Inflatable Boat (RHIB) operator.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Full & Open Competitive	5 Year Ordering Period	4 th Qtr FY21  RFP Release	2nd Qtr FY22  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	TBD	GDIT	

NAWCTSD



Paul Honold

Director, Surface & Undersea Programs





Advanced Computer-based Training Systems IDIQ

Description/Summary of Program Requirements

Single Award IDIQ to provide computer models, applications, and other digital content for Multipurpose Reconfigurable Training System 3D® (MRTS 3D®), Virtual Interactive Shipboard Instructional Tour 3D™ (VISIT 3D™), and related trainers. Maintain middleware/programming interfaces, software development guidelines, and digital content libraries. Deliver classes and laboratory equipment to Fleet training centers. Act as lead systems integrator for future application development by third parties.

AWARDED



ACQUISITION STRATEGY	METHOD OF PERFORMANCE	MILESTONES	
SBSA Competitive	Year Ordering Period	Released  RFP Release	June 20  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$99M	Pro-Active	



Immersive Virtual Training Multi-Award Contract

Description/Summary of Program Requirements

Multi-award IDIQ to provide computer models, applications, and other digital content for Multipurpose Reconfigurable Training System 3D® (MRTS 3D®), Virtual Interactive Shipboard Instructional Tour 3D™ (VISIT 3D™), and related trainers using Government provided software development kits. Work with the ACTS IDIQ lead systems integrator for computer model and application development and testing.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
MAC Competitive	5 Year Ordering Period	3rd Qtr FY21  RFP Release	1st Qtr FY22  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$100M	N/A	



Submarine Contractor Maintenance Services

Description/Summary of Program Requirements

Provide Contractor Maintenance Services (CMS) (FY21 through FY26) for NAWCTSD fielded trainers at the following Submarine Learning Center (SLC) Fleet Training Sites: Naval Submarine School, Groton, CT, (inclusive of Portsmouth, NH); Submarine Learning Facility (SLF), Norfolk, VA; Naval Submarine Training Center Pacific, Pearl Harbor, HI, (inclusive of Ford Island); Submarine Learning Center Detachment, San Diego, CA, (inclusive of North Island); Trident Training Facility (TTF) Bangor, WA, (inclusive of Bremerton); TTF Kings Bay, GA.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• FTSS IV competitive• CPFF	<ul style="list-style-type: none">• 5 years	<div>2nd Qtr FY21</div> <div>4th Qtr FY21</div> <div> RFP Release</div> <div> Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$5.5M Base year	<ul style="list-style-type: none">• Incumbent - Fidelity Technologies Corp

NAWCTSD



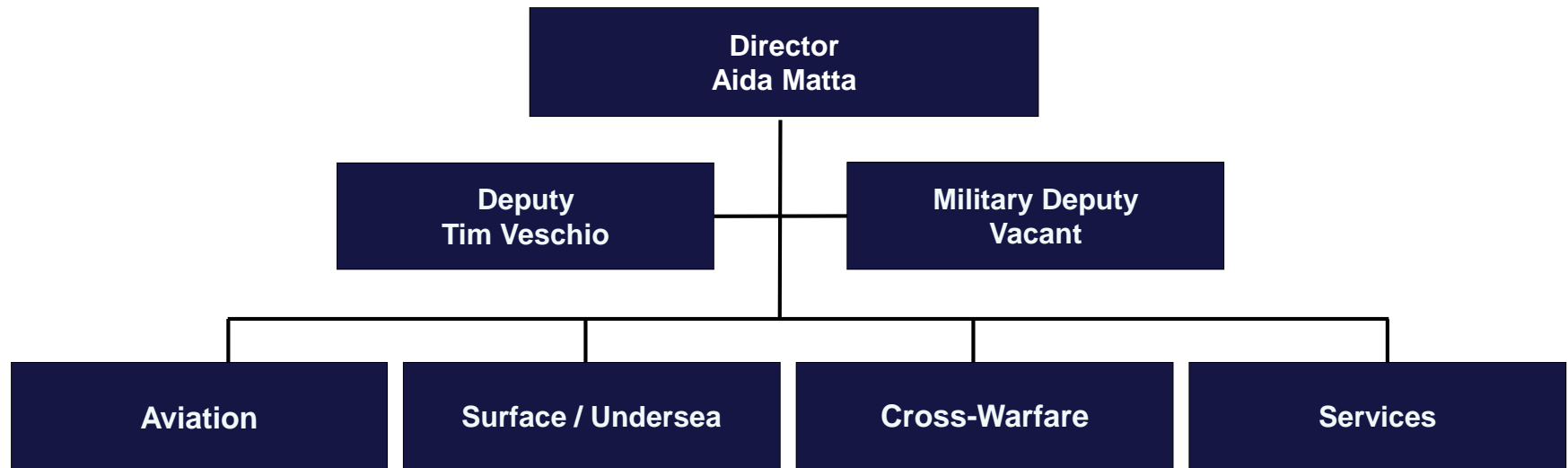
Aida Matta

Director, International Training Products





International Programs Organization







New Zealand P-8A Training Systems

Description/Summary of Program Requirements

The Royal New Zealand Air Force (RNZAF) is purchasing the following Aircrew and Maintenance Training Systems as part of their Total Package Approach in support of the P-8 Aircraft procurement.

One (1) Operational Flight Trainer, one (1) Weapons Tactics Trainer, three (3) Electronic Classrooms, two (2) Debrief Stations, one (1) Virtual Maintenance Trainer, one (1) Training System Support Center (TSSC), one (1) Maintenance Support Cabinet (MSC).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	5 years	<div>Released</div> <div>RFP Release</div> <div><div>1st QTR FY21</div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Aida Matta Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	TBD	Boeing





Republic of Korea P-8A Training Systems

Description/Summary of Program Requirements

The Republic of Korea Navy (ROKN) is purchasing the following Aircrew and Maintenance Training Systems as part of their Total Package Approach in support of the P-8 Aircraft procurement.

One (1) Operational Flight Trainer, one (1) Weapons Tactics Trainer, five (5) Electronic Classrooms, two (2) Scenario Generation Stations (SGS), one (1) Virtual Maintenance Trainer, **one (1) Virtual Maintenance Trainer**, one (1) Training System Support Center (TSSC), one (1) Maintenance Support Cabinet (MSC), **two (2) Mission System Desktop Trainers (MSDT)**, and **one (1) Flight Management System Trainer (FMST)**



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	5 years	Released  RFP Release 2 nd Qtr FY21  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Aida Matta Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	TBD	Boeing



P-8A Training Systems – Future International Partners

Description/Summary of Program Requirements

The Royal Saudi Naval Force (RSNF) is interested in the acquisition of Aircrew and Maintenance Training Systems to support the potential purchase of the P-8 Platform. Training Systems may include Operational Flight Trainer, Weapons Tactics Trainers, Training System Support Center (TSSC), Electronic Classrooms, Virtual Maintenance Trainers, and various other maintenance training devices.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	5 years	<div>TBD</div> <div></div> <div>RFP Release</div> <div>TBD</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Aida Matta Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	TBD	Boeing



MH-60R RAN Operator and Maintenance Concurrency

Description/Summary of Program Requirements

Simulator updates to operator and maintenance training devices (OFT, WTT, CMT, AMT/WLT), to maintain hardware/software concurrency (system configuration updates to include NGTS/CASE-FI), as well as, incorporation of aircraft Engineering Changes Orders and deficiency corrections.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	5 Years	Released  RFP Release	Oct 2021  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida Matta Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	FMS	CAE	



MH-60R DALO Operator Trainer Concurrency

Description/Summary of Program Requirements

Simulator updates to operator training device (MOFT), to include ASW capability, maintain hardware/software concurrency, and incorporation of aircraft Engineering Changes Orders and deficiency corrections.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	18-22 Months	<div>Jan 2021</div> <div>July 2021</div> <div>RFP Release</div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Aida Matta Organization: PDI Phone: (407) 381-8648 Email: aida.matta@navy.mil	TBD	CAE



MH-60R DALO Operator Trainer Follow-on COMS

Description/Summary of Program Requirements

Continue Contractor Operator and Maintenance of the Simulator for operator training device (MOFT).



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	5 Years	<div>Released</div> <div>3rd Qtr FY21</div> <div> RFP Release</div> <div> Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Aida Matta Organization: PDI Phone: (407) 381-8648 Email: aida.matta@navy.mil	TBD	CAE



MH-60R Training Systems – Future International Partners

Description/Summary of Program Requirements

The Indian Navy is interested in the acquisition of Aircrew and Maintenance Training Systems to support the potential purchase of the MH-60R Platform. Training Systems may include a Tactical Operational Flight Trainer (TOFT), **Avionics Maintenance Weapons Load Trainer (AMWLT)**, and a **Composite Maintenance Trainer (CMT)** using a purchased aircraft



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	5 years	<div>TBD</div> <div></div> <div>RFP Release</div> <div>TBD</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Aida Matta Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	TBD	Sikorsky



Finland FA-18C 27C(F) WTSAT, DTT, and DBMOC Phase 3 Upgrade

Description/Summary of Program Requirements

Upgrade FA-18C Aircrew Weapons Tactics and Situational Awareness Trainer (WTSAT), Deployable Tactics Trainer (DTT), and Debrief Mission Operation Center (DBMOC) capabilities to address the changes in the SCS 27C(F) build 3.3.1 to 3.5.2. In addition it will address the risk associated with using WINS 7 by upgrading to WINS 10, improve the JTAC functionality, address outstanding DRs and enhance the HLA environment.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<p>Sole Source</p> <p>Sole Source</p> <p>IDIQ</p>	<p>18 months</p>	<p>Released</p> <p>July 2021</p> <p> RFP Release Release</p> <p> Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p>Name: Aida Matta</p> <p>Organization: PDI</p> <p>Phone: 407-381-8648</p> <p>Email: aida.matta@navy.mil</p>	<p>FMS</p>	<p>Boeing</p>



Kuwait F/A-18E/F Training Systems

Description/Summary of Program Requirements

The Kuwait Air Force (KAF) is in the process of procuring FA-18E/F Super Hornet Training and Training Systems in a Block III configuration. This procurement includes Aircrew Training, Aircrew Computer Based Training (CBT), Tactical Operational Flight Trainers (TOFTs) and Low Cost Trainers (LCT's)



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source Sole Source IDIQ	5 years	Released  RFP Release Release Jan 2021  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name:Aida Matta Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	TBD	Boeing



Australia F/A-18-F/EA-18G Maintenance Training/Trainer System

Description/Summary of Program Requirements

The Royal Australian Air Force (RAAF) is in the process of upgrading their existing FA-18F/EA-18G Australia Training Systems. Affected systems include Maintenance Trainers Integrated Visual Maintenance Environment Trainer (IVEMT) and Maintenance Courseware to H14A SCS sole source contract Boeing.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole source Sole Source IDIQ	20 Months	Released  RFP Release Release 1 st Qtr FY21  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Aida Matta Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	\$14.5M	Boeing



Australia F/A-18-F/EA-18G Aircrew Training System

Description/Summary of Program Requirements

The Royal Australian Air Force (RAAF) is in the process of upgrading their existing FA-18F/EA-18G Australia Training Systems. Affected systems include Aircrew Trainers Tactical Operational Flight Trainer (TOFT), System Configuration Sets (SCS) H16A software/hardware upgrade from the IDIQ Contract.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Delivery Order IDIQ Sole source Sole Source IDIQ	24 Months	<div>1st Qtr FY21</div> <div>3rd Qtr FY21</div> <div>RFP Release Release</div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Aida Matta Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	\$16.1 M	Boeing



Australia F/A-18-F/EA-18G Aircrew Training System

Description/Summary of Program Requirements

The Royal Australian Air Force (RAAF) is in the process of upgrading their existing FA-18F/EA-18G Australia Training Systems. Affected systems include Aircrew Trainers Tactical Operational Flight Trainer (TOFT), hardware upgrade IG's/hardware obsolescence for all four TOFTs. Standalone Contract L3Harris.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole source Sole Source IDIQ	18 Months	Released  RFP Release Release	2 nd Qtr FY21  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida Matta Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	\$4.1M	L3Harris	



Bahrain AH-1Z Flight Training Device

Description/Summary of Program Requirements

Provide one (1) Flight Training Device to be delivered in country for initial and follow-on training.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<p>This effort is no longer being procured by NAWCTSD Contracting Agency, contracting agency is at Pax River.</p> <p>Sole Source</p>	<p>2 years</p>	<div>Released</div> <div></div> <div>RFP Release</div> <div>Sept 20</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p>Name: Aida Matta</p> <p>Organization: PDI</p> <p>Phone: 407-381-8648</p> <p>Email: aida.matta@navy.mil</p>	<p>TBD</p>	<p>Bell</p>





Bahrain AH-1Z International Pilot and Maintenance Training

Description/Summary of Program Requirements

Contractor-provided Pilot and Maintenance training in support of AH-1Z.

Estimating 10 Pilots and 30 – 40 Maintenance Personnel. Training will be conducted in Bahrain.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>This effort is no longer being procured by NAWCTSD Contracting Agency, contracting agency is at Pax River.</p> <p>Sole Source</p>	2-3 years	3 rd Qtr FY20  RFP Release	3 rd Qtr FY21  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p>Name: Aida Matta</p> <p>Organization: PDI</p> <p>Phone: 407-381-8648</p> <p>Email: aida.matta@navy.mil</p>	TBD	CTI	



Czech Republic AH-1Z Flight Training Device

Description/Summary of Program Requirements

Provide one (1) Flight Training Device to be delivered in country for initial and follow-on training.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>This effort is no longer being procured by NAWCTSD Contracting Agency, contracting agency is at Pax River.</p> <p>Sole Source</p>	<p>2 years</p>	<p>1st Qtr FY21</p>  <p>RFP Release</p>	<p>3rd Qtr FY21</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p>Name: Aida Matta</p> <p>Organization: PDI</p> <p>Phone: 407-381-8648</p> <p>Email: aida.matta@navy.mil</p>	<p>TBD</p>	<p>Bell</p>	



Czech Republic AH-1Z/AH-1Y International Pilot and Maintenance Training

Description/Summary of Program Requirements

Contractor provided Pilot and Maintenance training in support of AH-1Z.
Number of students TBD. Training will be conducted in Czech Republic.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>This effort is no longer being procured by NAWCTSD Contracting Agency, contracting agency is at Pax River.</p> <p>Sole source</p>	2-3 year	<p>TBD</p>  <p>RFP Release</p>	<p>TBD</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p>Name: Aida Matta</p> <p>Organization: PDI</p> <p>Phone: 407-381-8648</p> <p>Email: aida.matta@navy.mil</p>	TBD	Bell	



AH-1Z Training Systems – Future International Partners

Description/Summary of Program Requirements

The Nigerian Air Force is interested in the acquisition of Aircrew and Maintenance Training Systems to support the potential purchase of the AH-1Z Platform. Training Systems may include a Flight Training Device (FTD), Computer Based Training, and various other training devices.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	5 years	TBD  RFP Release	TBD  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida Matta Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	TBD	Bell	



Japanese Ground Self Defense Force (JGSDF) MV-22 Training System

Description/Summary of Program Requirements

Procurement of a Block C Half Wing Part Task Maintenance Trainer (HWPTT). This includes spares for the HWPTT and Containerized Flight Training Device.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source Contract Vehicle - BOA	36 Months	<div>Released</div> <div></div> <div>RFP Release</div> <div>Awarded</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Aida Matta Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	\$18M	Bell / Boeing



Saudi Arabia Multi-Mission Surface Combat (MMSC) Bridge Part Task Trainer System & Egyptian Navy COVE & FMB Training Systems

Description/Summary of Program Requirements

This is a procurement action combining Navigation Training system requirements for Kingdom of Saudi Arabia RSNF and Egyptian Navy (EN). The three distinct training systems are;



Bridge Part Task Trainer – RSNF – modeled after LCS 1 and modified to MMSC ship's drawings and navigational equipment.

Class "A" Bridge Simulator (EN) – Full Mission Bridge (FMB)

Class "B" Bridge Simulator (EN) – Conning Officer Virtual Environment (COVE)

and , Spare Parts, Unclassified Publications, and associated support.

VSHIP software is common to all three training systems.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<p>TSC IV (SBA) Firm-Fixed Price (FFP) Delivery Order under TSC IV IDIQ MAC</p> <p>Base Award for one FMB, one COVE and one BPTT</p>	<p>3 years</p>	<p>Released 2nd Qtr FY21</p> <div>   </div> <p>RFP Release Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p>Name: Aida Matta</p> <p>Organization: PDI</p> <p>Phone: 407-381-8648</p> <p>Email: aida.matta@navy.mil</p>	<p>FMS Case Funded SR-P-SBV</p>	<p>BPTT* (CSRA and Xebec)</p> <p>*OEM for LCS Domestic</p>





Saudi Arabia Multi-Mission Surface Combat (MMSC) Training System – Virtual Ship Training System (VSTS)

Description/Summary of Program Requirements

Royal Saudi Arabia Naval Forces (RSNF) Multi-Mission Surface Combatant is a variant of the US Littoral Combat Ship (LCS). Procurement of LCS type training systems to support RSNF Train to Qualify/Train to Certify requirements.

Requirements for this effort include the Virtual Ship Training System (VSTS), and the Virtual Reality Lab Hardware along with the classroom support equipment including desk & chairs.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
GSA purchase	2 years	2 nd Qtr FY21  RFP Release	3 rd Qtr FY21  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida Matta Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	FMS Case Funded SR-P-SBV	VSTS* (Triton JV) *OEM for LCS Domestic	





Saudi Arabia Multi-Mission Surface Combat (MMSC) specific Immersive Virtual Ship Environment (IVSE) Training System

Description/Summary of Program Requirements

Royal Saudi Arabia Naval Forces (RSNF) Multi-Mission Surface Combatant is a variant of the US Littoral Combat Ship. Procurement of MMSC specific Train to Qualify / Train to Certify Training Systems requirements.

This effort is for the MMSC specific Immersive Virtual Ship Environment (IVSE) and is tied to availability of MMSC Hull #1 for possible digital scanning and courseware development requirements.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
STIGS IV	3 years	4 th Qtr FY21  RFP Release	4 th Qtr FY22  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida Matta Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	FMS Case SR-P-SBV	Original Developer - Cubic	





EA-18G Training Systems – Future International Partners

Description/Summary of Program Requirements

The United Arab Emirates is interested in the acquisition of Aircrew and Maintenance Training Systems to support the purchase of the EA-18G Platform. Training Systems may include Full Mission Simulators (FMS), Low Cost Trainers (LCT), Integrated Visual Environment Maintenance Trainers (IVEMT), various other training devices, and Computer Based Training System

NEW

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
TBD	5 years	<div>TBD</div> <div> RFP Release</div> <div><div>TBD</div><div> Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Aida Matta Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	TBD	Boeing



E-2D Training Systems – Future International Partners

Description/Summary of Program Requirements

The French Navy is interested in the acquisition of Aircrew Training Systems to support the purchase of the E-2D Platform. Training Systems may include an Operational Flight Trainer (OFT) and a Weapons Tactics Trainer (WTT)

NEW

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
TBD	5 years	<div>TBD</div> <div>TBD</div> <div>RFP Release</div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Aida Matta Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	TBD	TBD



Bob Seltzer

Director, Research and Technology Programs

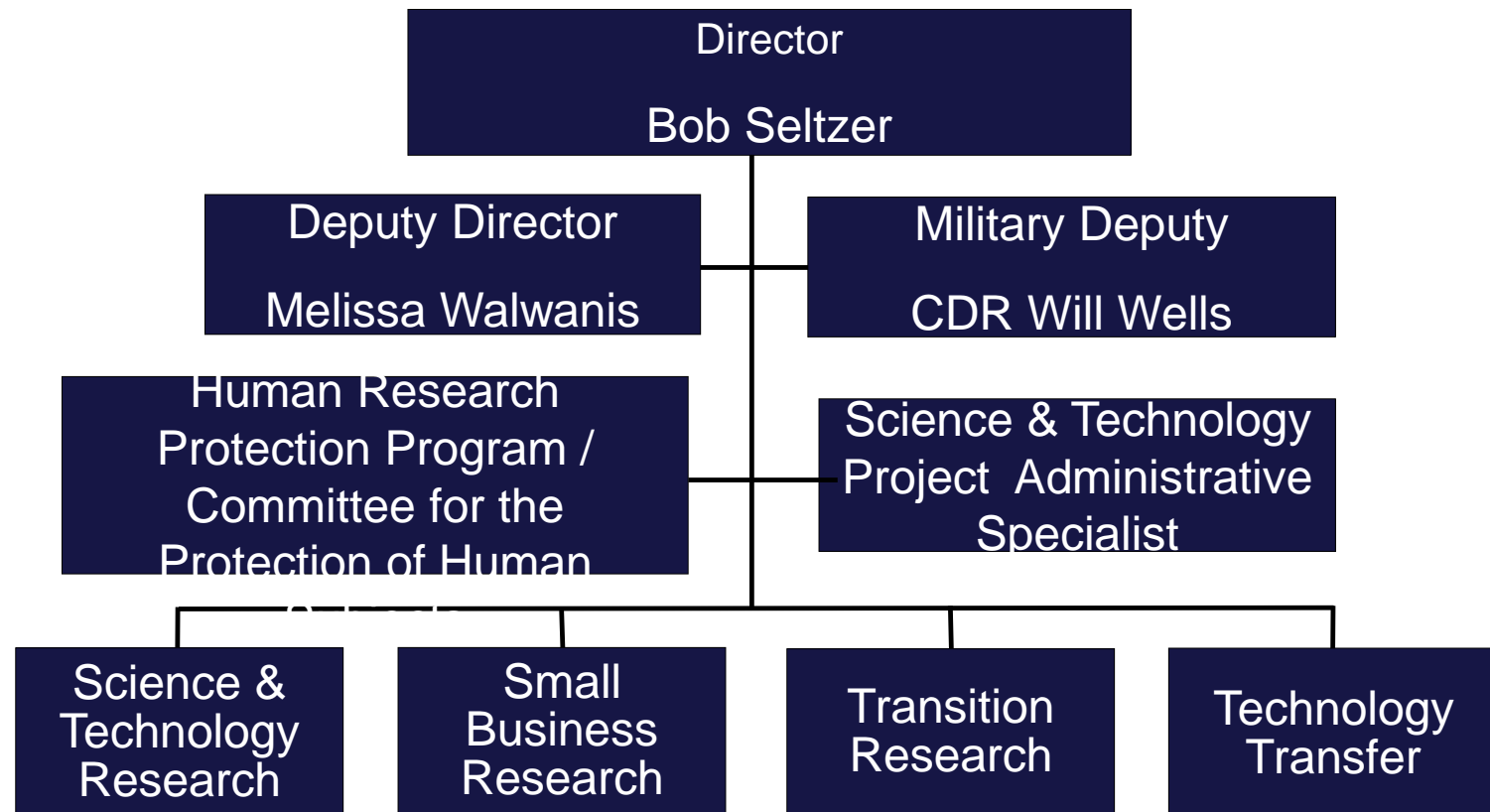
<https://www.navair.navy.mil/nawctsd/TSIS>



Research & Technology Program Directorate

MISSION

Plan & Perform a Full Range of Directed Research and Development in Support of Naval and Other DOD Training Systems for All Warfare Areas and Platforms, to Maintain a Naval Critical Technology Base and Transition Technology Results to the Fleet and Other Customers





NAWCTSD Research Portfolio

- NAWCAD/Office of Naval Research Science & Technology (*BA1-3)
 - Basic Research
 - Applied Research
 - Advanced Development
- DoD Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) program
- Navy Demonstrations and Validation Research (BA4-7)
- DoD Research
 - Joint/OSD/DARPA
 - Army/USAF/USMC Research
- Technology Transfer (Gov/Non-DoD Research)

NAWCTSD is a R&D Performer and Partners with Industry and Academia on Proposals and Subsequent Research Efforts

*BA = Budget Activity





Small Business Innovation Research (SBIR) Opportunities

Description/Summary of Program Requirements

- Process (2-3 SBIR Broad Agency Announcements per year)
- Phase I (1st yr): Scope problem & detail innovative solution (\$140K/\$100K option)
- Phase II (2nd-3rd yrs): Develop prototype, test & evaluate (up to \$1.5M)
- Phase III (thereafter): Further R&D development / acquisition transition (Government sole source)

Next Broad Agency Announcement (navysbir.com):

→ (20.1) Pre-release: 24 Nov 2020 Opens: 6 Jan 2020 Closes: 10 Feb 2020

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• SBIR Phase I Competitive SBSA All Contracts Processed at NAWCAD, Lakehurst	<ul style="list-style-type: none">• Phase I: 6 Month w/6 month Option• Phase II: Up to 24 Months• Phase III: Open	6 May 2020  RFP Released	2 Jul 2020  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Robert Seltzer Organization: R&T Program Office Phone: 407-380-4115 Email: Robert.seltzer@navy.mil	<ul style="list-style-type: none">• Year 1 RDT&E \$140K/\$100K• Year 2-3 RDT&E \$1.5M• Year 4+ Non-SBIR \$s; No Limit/ No Competition Required	<ul style="list-style-type: none">• TBD-Up to 3 awards planned per topic	



Small Business Technology Transfer (STTR) Opportunities

Description/Summary of Program Requirements

- Small business required to team with research or academic institution (non-Government)
- Phase 1(1st yr): Scope problem & detail innovative solution (\$140K/\$100K option)
- Phase II (2nd-3rd yrs): Develop prototype, test & evaluate (\$1.5M)
- Phase III (thereafter): Further R&D development/acquisition transition (Government sole source)
- Large businesses can partner with small businesses (for Phase III)



Next Broad Agency Announcement (navysbir.com):

(21.A) Pre-release: **24 Nov 2020**

Opens: **6 Jan 2020**

Closes: **10**

Feb 2020

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none"> • STTR Phase I Competitive SBSA All Contracts Processed at NAWCAD, Lakehurst 	<ul style="list-style-type: none"> • Phase I: 6 Month w/6 month Option • Phase II: up to 24 Months • Phase III: Open 	<div>6 May 20</div>  <div>RFP Released</div> <div>2 Jul 20</div>  <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p>Name: Mr. Robert Seltzer</p> <p>Organization: R&T Program Office</p> <p>Phone: 407-380-4115</p> <p>Email: Robert.Seltzer@navy.mil</p>	<ul style="list-style-type: none"> • Year 1 R&D \$140K/\$100K Option • Year 2-3 R&D \$1.5M (Total) • Year 4+ Non-SBIR/STTR \$s; No Limit No Competition Required 	<ul style="list-style-type: none"> • TBD-Up to 3 awards planned per topic



NAVAIR SBIR/STTR Proposal Solicitation Topics

- **N211-XXX: TBD** - On Nov 24th, See www.navysbir.com for Topic during BAA pre-release period
- PHASE I: TBD

DoD 21.1(SBIR) / A (STTR) Solicitation Opens: 6 Jan 20 Closes: 10 Feb 20 (www.navysbir.com)



NAVAIR SBIR/STTR Proposal Solicitation Topics

• N202-091: AI for Anti-Submarine Warfare (ASW) Training

- ➔ PHASE I: Design, develop, and demonstrate feasibility of AI techniques, methods, and models, to augment the Navy ASW capability via the addition of an artificial intelligence (AI) training aid that can also assist as an operational decision-support tool. Demonstrate the feasibility of the proposed training capability within an undersea (or relevant) domain with publicly available training data. The early system should demonstrate a form of explainability and confidence values in outputs provided. Outline future concepts for the inclusion of self-tuning algorithm parameters.

• N202-098: Voice Recognition to Support Assessment of Cross Platform Situational Awareness and Decision Making

- ➔ PHASE I: Develop a concept for standalone, voice assessment capability for a single Air Defense platform. Demonstrate feasibility of application into the larger, integrated training system. The concept should include a plan for integration into the NGTS ART to allow voice feedback/assessment to be aligned with unclassified performance data from NGTS and include assessment visualizations to support diagnosis and feedback. The Phase I effort will include prototype plans to be developed under Phase II.

DoD 20.2(SBIR) / B (STTR) Solicitation Opens: 6 May 20 Closes: 2 Jul 20 (www.navysbir.com)



NAVAIR SBIR/STTR Proposal Solicitation Topics

• N202-111: Desktop Tactics Trainer for Maritime Patrol Aircraft

- ➔ PHASE I: Develop an innovative approach for a computer-based tactical trainer in the maritime patrol domain, or a similar domain for feasibility demonstration. This topic seeks to fill the gap between learning tactics from a book, and utilizing those tactics in a simulator event by providing a low-cost, computer-based, simulated environment where students can try out what they learned and practice tactics in advance of discussions, as well as simulator and flight events. Low cost should be considered as a solution that is capable of running on a typical mid-range Windows computer.

• N202-112: Multi-Domain Data Fusion Instructional Strategies Methods

- ➔ PHASE I: Research and develop training objectives for the multi-domain environment and instructional strategies for manned-unmanned data fusion tactical decision making. Identify training technology to assist instructors with training and/or technologies to support instructorless training (e.g., scaffolding) that might provide beneficial uses in operational contexts for operator job aids when leveraging manned-unmanned data fusion for tactical decision making. Research and develop recommendations for automation transparency to support operator tactical decision making when leveraging manned-unmanned data fusion technology in multi-domain environments.

DoD 20.2(SBIR) / B (STTR) Solicitation Opens: 6 May 20 Closes: 2 Jul 20 (www.navysbir.com)

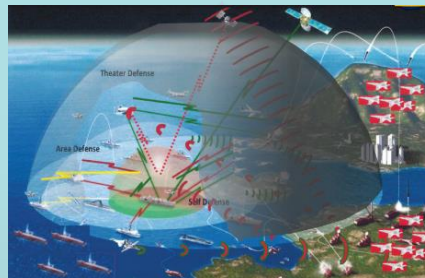


Continuing Areas of Research



Emerging Instructional Methods

- ♦ Adaptive Training Techniques
- ♦ AI Enabled Instructor/Crew
- ♦ Scenario Based Trg Methods
- ♦ Multi-level Performance Measurement & Assessment
- ♦ Human Performance Measurement Approaches



Challenge Areas Supported

- ♦ Denied & Degraded Environments
- ♦ Electronic Maneuver Warfare
- ♦ Integrated Warfighting Capability
- ♦ Cyber Warfare
- ♦ Manned-Unmanned Teaming



Training Technology & Environments

- ♦ Data Science (AI/ML)
- ♦ eXtended Reality Visual & Input Enhancements
- ♦ Live, Virtual, Constructive
- ♦ Distributed Mission Training
- ♦ Effects Modeling
- ♦ Mobile Learning/Deployable
- ♦ Cybersecurity & Cloud-

Instructional Strategy



NAWCTSD Research Compendium

NAVAL AIR WARFARE CENTER TRAINING SYSTEMS DIVISION



2020

RESEARCH COMPENDIUM

Training • Human Performance • Modeling & Simulation

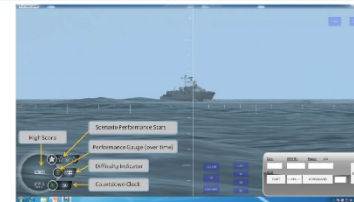
See TSD Web site for FY21
Edition after Dec 1st

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

EXAMINING THE EFFECTS OF GAME FEATURES ON LEARNING IN SCENARIO-BASED TRAINING

OBJECTIVE

The objective of this research is to systematically test the impact of two game features on performance and motivation: score/performance gauges and competition. To date, there is no previous research that suggests adding game gauges increases motivation or enhances performance, and likewise, little research has examined the effect of competition on learner performance and motivation in game-based training.



The Periscope Operator Adaptive Trainer (POAT) user interface with game gauges included (bottom left).

PROJECT DURATION
OCT 2015 - SEP 2018

FUNDING SPONSOR
Naval Air Systems Command (NAVAIR) |
Section 219

POINTS OF CONTACT
Cheryl Johnson, Ph.D. (PI)
cheryl.johnson@navy.mil

CDR Will Wells (PM)
willfred.wells@navy.mil

DESCRIPTION

Previous research has shown mixed results on the efficacy of game features to promote learning outcomes and motivation, and the majority of these studies have not systematically investigated game features to determine which ones are most effective. Based on Cognitive Load Theory, we hypothesized that adding both competition and game features would increase motivation and enhance performance in a simulation-based training task. In a set of experiments, we explored whether the presence of game features (performance gauges and score) and competition features (a leaderboard) affected motivation and learning outcomes within the Periscope Operator Adaptive Trainer (POAT).

NEED

In light of budget declines, there has been a strong push across the DoD for low-cost training techniques that are engaging, realistic, and can be delivered anytime, anywhere. Game-based training techniques hold promise to meet this demand as they are purported to enhance player motivation. However, existing research on the effectiveness of game-based training is mixed and often nonsystematic, resulting in a failure to identify specific game features that lead to better learning and performance outcomes.

BENEFITS

Game-based training may be well-suited to meet the Navy's education objectives, given the popularity of computer games with today's young adults. This research seeks to examine the effects of incorporating game features into simulation-based training, a topic that has not been systematically investigated in the training literature. Previous studies have assessed the value of game-based training over traditional methods of instruction, but few have investigated individual game features and their impact on performance and motivation. The findings of these experiments may have a broad impact on future training systems by offering empirically-based guidance for designing game features to enhance effectiveness.

STATUS

In FY18, the research team conducted two experiments. Experiment 1 was conducted with approximately 120 college students, and the results showed that incorporating game features into training did not improve trainee performance on the task or their motivation to play the game. Experiment 2 was conducted with approximately 70 submarine officer students at NAVSUBASE New London, utilizing a simpler experimental design. Experiment 2 replicated the results of Experiment 1.

MILESTONES

- Completed data collections for Experiment 1 with a college student population and Experiment 2 with Submarine Officer Basic Course (SOBC) students.
- Developed experimental testbed for systematically evaluating game features, such as scores, leaderboards, and performance gauges in the Periscope Operator Adaptive Trainer (POAT).
- Presentation: Mercado, A. D., Johnson, C. I., Landsberg, C. R., & Bailey, S. K. T. (2018, August). A systematic evaluation of game features in simulation-based training. Poster presented at the International Ergonomic Association conference.
 - Analyzed data and wrote report of results from SOBC experiment, concluding that game features do not increase motivation nor improve the accuracy of periscope calls. Adaptive training increased call accuracy regardless of inclusion of game features.

BASIC AND APPLIED RESEARCH • CORE CAPABILITY 2

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Research Compendium can be found at the bottom of the NAWCTSD Web site Home page:

<https://www.navair.navy.mil/nawctsd/node/536>



Technology Transfer: Partnering with Industry, Academia, State/Local

Cooperative Research and Development Agreement (CRADA)

- Allows R&D collaboration between NAWCTSD and non-federal partners.
- Provides the means to offer intellectual property (IP) rights to a non-federal partner.
- NAWCTSD can provide:
 - Personnel
 - Facilities/Equipment
 - Intellectual Property (IP)
 - **NO funds**
- Non-federal party can provide:
 - Personnel
 - Facilities/Equipment
 - Intellectual Property (IP)
 - **Funds**

Commercial Service Agreements (CSA)

- Allows the sale of defense articles and/or services that are not available from any United States commercial source.
- Makes services of any government laboratory, center, range or other testing facility available for testing purposes on a reimbursable basis.
- Relies on existing capabilities and expertise
- Requires full reimbursement of Government costs
- Cannot compete with United States private industry



Technology Transfer: Partnering with Industry, Academia, State/Local

Software License Agreement (SLA)

- Agreement between NAWCTSD and an Industry partner which allows them to make, use and sell federally developed software with the assurance that we will not sue for infringement.
- NAWCTSD retains rights to use the software for government purposes.
- Industry partner pays royalties to NAWCTSD.

Patent License Agreement (PLA)

- Agreement between NAWCTSD and an Industry partner which allows them to make, use and sell federally owned inventions with the assurance that we will not sue for infringement.
- NAWCTSD retains rights to use the technology for government purposes.
- Industry partner pays royalties to NAWCTSD.

Search for us on <https://www.federallabs.org/flcbusiness> for more information on available technologies.



How to Participate in NAWCTSD Research?

- Tell us about your Independent Research and Development (IRAD) efforts
 - Respond to SBIR/STTR Solicitations
 - Small Business – Large Business Partnering, Academia can be included
 - Pursue Cooperative Research and Development Agreements (CRADAs) with NAWCTSD when we find an area of common interest
 - Partner on Joint Proposals (Scientist to Scientist/Engineer to Engineer)
 - If successful w/joint proposals several contract vehicle options available:
 - SBIR Phase III
 - NAWCTSD R&D Broad Agency Announcement (S&T projects only)
 - ONR/DoD/funding agency contracting
- <https://www.onr.navy.mil/en/work-with-us/funding-opportunities>
- Consider new opportunities coming soon via the Tech Grove

Research & Technology Program Office POC

Director, Bob Seltzer

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